

# PE100 METRIC

## ELECTROFUSION & SPIGOT PIPING SYSTEMS

### Quality and Standards

Asmuss is a leading distributor of polyethylene (PE) piping systems in New Zealand and carries a comprehensive range of fittings and equipment, backed by technical advice and service. The fittings listed comply With internationally accepted standards including AS/NZS Standard 4129:2020, fittings for PE pipes for pressure applications. Specifying authorities are advised to require compliance With product standards to ensure the integrity of permanent works.

Asmuss recommends that the installation of all PE pipe fittings only be undertaken by suitably qualified and experienced operators.

### Related Documents

- APS Fabrication Flyer
- Simona Swept Bends Flyer
- Welding Machines, Tooling & Accessories Catalogue

### SDR 11 ELECTROFUSION COUPLERS

|                                                                                                                          | Code       | Size (OD)<br>mm | SDR  |
|--------------------------------------------------------------------------------------------------------------------------|------------|-----------------|------|
| <b>Coupler<br/>PN16 SDR 11</b><br><br> | FPEHC/020  | 20              | 7-11 |
|                                                                                                                          | FPEHC/025  | 25              | 7-11 |
|                                                                                                                          | FPEHC/032  | 32              | 7-11 |
|                                                                                                                          | FPEHC/040  | 40              | 7-11 |
|                                                                                                                          | FPEHC/050  | 50              | 7-11 |
|                                                                                                                          | FPEHC/063  | 63              | 7-11 |
|                                                                                                                          | FPEHC/075  | 75              | 7-17 |
|                                                                                                                          | FPEHC/090  | 90              | 7-17 |
|                                                                                                                          | FPEHC/110  | 110             | 7-17 |
|                                                                                                                          | FPEHC/125  | 125             | 7-17 |
|                                                                                                                          | FPEHC/140  | 140             | 7-17 |
|                                                                                                                          | FPEHC/160  | 160             | 7-17 |
|                                                                                                                          | FPEHC/180  | 180             | 7-17 |
|                                                                                                                          | FPEHC/200  | 200             | 7-17 |
|                                                                                                                          | FPEHC/225  | 225             | 7-17 |
|                                                                                                                          | FPEHC/250  | 250             | 7-21 |
|                                                                                                                          | FPEHC/280  | 280             | 7-17 |
|                                                                                                                          | FPEHC/315  | 315             | 7-26 |
|                                                                                                                          | FPEHC/355  | 355             | 7-17 |
|                                                                                                                          | FPEHC/400  | 400             | 7-26 |
|                                                                                                                          | FPEHC/450  | 450             | 7-17 |
|                                                                                                                          | FPEHC/500  | 500             | 7-17 |
|                                                                                                                          | FPEHC/560  | 560             | 7-33 |
|                                                                                                                          | FPEHC/630  | 630             | 7-41 |
|                                                                                                                          | FPEHC/710  | 710             | 7-17 |
|                                                                                                                          | FPEHC/800  | 800             | 7-17 |
|                                                                                                                          | FPEHC/900  | 900             | 7-17 |
|                                                                                                                          | FPEHC/1000 | 1000            | 7-17 |

\*Larger sizes available on request

### SDR 7.4 ELECTROFUSION COUPLERS

|                                                                                                                            | Code         | Size (OD)<br>mm | SDR  |
|----------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|------|
| <b>Coupler<br/>PN25 SDR 7.4</b><br><br> | FPE7.4HC/050 | 50              | 7-11 |
|                                                                                                                            | FPE7.4HC/063 | 63              | 7-11 |
|                                                                                                                            | FPE7.4HC/075 | 75              | 7-11 |
|                                                                                                                            | FPE7.4HC/090 | 90              | 7-11 |
|                                                                                                                            | FPE7.4HC/110 | 110             | 7-11 |
|                                                                                                                            | FPE7.4HC/125 | 125             | 7-11 |
|                                                                                                                            | FPE7.4HC/180 | 180             | 7-11 |
|                                                                                                                            | FPE7.4HC/200 | 200             | 7-11 |
|                                                                                                                            | FPE7.4HC/225 | 225             | 7-11 |
|                                                                                                                            | FPE7.4HC/250 | 250             | 7-11 |
|                                                                                                                            | FPE7.4HC/280 | 280             | 7-11 |
|                                                                                                                            | FPE7.4HC/315 | 315             | 7-11 |

\*Larger sizes available on request

### SDR 17 ELECTROFUSION COUPLERS

|                                                                                                                           | Code         | Size (OD)<br>mm | SDR   |
|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------|
| <b>Coupler<br/>PN10 SDR 17</b><br><br> | FPE17HC/063  | 63              | 11-26 |
|                                                                                                                           | FPE17HC/075  | 75              | 11-17 |
|                                                                                                                           | FPE17HC/090  | 90              | 11-26 |
|                                                                                                                           | FPE17HC/110  | 110             | 11-33 |
|                                                                                                                           | FPE17HC/125  | 125             | 11-33 |
|                                                                                                                           | FPE17HC/140  | 140             | 11-33 |
|                                                                                                                           | FPE17HC/160  | 160             | 11-33 |
|                                                                                                                           | FPE17HC/180  | 180             | 11-33 |
|                                                                                                                           | FPE17HC/200  | 200             | 11-33 |
|                                                                                                                           | FPE17HC/225  | 225             | 11-33 |
|                                                                                                                           | FPE17HC/250  | 250             | 11-33 |
|                                                                                                                           | FPE17HC/280  | 280             | 11-33 |
|                                                                                                                           | FPE17HC/315  | 315             | 11-33 |
|                                                                                                                           | FPE17HC/355  | 355             | 11-41 |
|                                                                                                                           | FPE17HC/400  | 400             | 11-41 |
|                                                                                                                           | FPE17HC/450  | 450             | 11-41 |
|                                                                                                                           | FPE17HC/500  | 500             | 11-33 |
|                                                                                                                           | FPE17HC/560  | 560             | 11-41 |
|                                                                                                                           | FPE17HC/630  | 630             | 11-33 |
|                                                                                                                           | FPE17HC/710  | 710             | 11-33 |
|                                                                                                                           | FPE17HC/800  | 800             | 11-41 |
|                                                                                                                           | FPE17HC/900  | 900             | 11-41 |
|                                                                                                                           | FPE17HC/1000 | 1000            | 11-33 |
|                                                                                                                           | FPE17HC/1200 | 1200            | 11-33 |

\*Larger sizes available on request

### IPA WIPES

|                                                                                                                            | Code     | Size        |
|----------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| <b>IPA Wipes<br/>100% IPA</b><br><br> | IPAWIPES | 100 per tub |

### IPA LIQUID

|                                                                                                                              | Code    | Size    |
|------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| <b>IPA Cleaner<br/>100% IPA</b><br><br> | IPA/1LT | 1 Litre |

## PE100 METRIC

### ELECTROFUSION FITTINGS

#### ELECTROFUSION TEES

|                                                                                                                              | Code       | Size (OD)<br>mm | SDR    |
|------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|--------|
| <b>90° Equal Tee</b><br><b>PN16 SDR 11</b>  | FPEHCT/020 | 20              | 7-11   |
|                                                                                                                              | FPEHCT/025 | 25              | 7-11   |
|                                                                                                                              | FPEHCT/032 | 32              | 7-11   |
|                                                                                                                              | FPEHCT/040 | 40              | 7-13.6 |
|                                                                                                                              | FPEHCT/050 | 50              | 7-13.6 |
|                                                                                                                              | FPEHCT/063 | 63              | 7-13.6 |
|                                                                                                                              | FPEHCT/075 | 75              | 7-13.6 |
|                                                                                                                              | FPEHCT/090 | 90              | 7-21   |
|                                                                                                                              | FPEHCT/110 | 110             | 7-21   |
|                                                                                                                              | FPEHCT/125 | 125             | 7-17   |
|                                                                                                                              | FPEHCT/160 | 160             | 7-21   |
|                                                                                                                              | FPEHCT/180 | 180             | 7-17   |
|                                                                                                                              | FPEHCT/200 | 200             | 7-17   |
|                                                                                                                              | FPEHCT/225 | 225             | 7-17   |
|                                                                                                                              | FPEHCT/250 | 250             | 7-17   |

#### ELECTROFUSION REDUCING TEES

|                                                                                                                                   | Code            | Size (OD)<br>mm | SDR  |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------|
| <b>90° Reducing Tee</b><br><b>PN16 SDR 11</b>  | FPEHCRT/050X040 | 50x40           | 7-21 |
|                                                                                                                                   | FPEHCRT/063X050 | 63x50           | 7-21 |
|                                                                                                                                   | FPEHCRT/090X063 | 90x63           | 7-21 |
|                                                                                                                                   | FPEHCRT/110X063 | 110x63          | 7-21 |
|                                                                                                                                   | FPEHCRT/110X090 | 110x90          | 7-21 |
|                                                                                                                                   | FPEHCRT/125X090 | 125x90          | 7-21 |
|                                                                                                                                   | FPEHCRT/125X110 | 125x110         | 7-21 |
|                                                                                                                                   | FPEHCRT/160X090 | 160x90          | 7-21 |
|                                                                                                                                   | FPEHCRT/160X110 | 160x110         | 7-21 |
|                                                                                                                                   | FPEHCRT/160X125 | 160x125         | 7-21 |
|                                                                                                                                   | FPEHCRT/180X090 | 180x90          | 7-17 |
|                                                                                                                                   | FPEHCRT/180X125 | 180x125         | 7-17 |
|                                                                                                                                   | FPEHCRT/200X090 | 200x90          | 7-17 |
|                                                                                                                                   | FPEHCRT/200X110 | 200x110         | 7-17 |
|                                                                                                                                   | FPEHCRT/225X090 | 225x90          | 7-17 |
|                                                                                                                                   | FPEHCRT/225X110 | 225x110         | 7-17 |
|                                                                                                                                   | FPEHCRT/250X090 | 250x90          | 7-17 |
|                                                                                                                                   | FPEHCRT/250X110 | 250x110         | 7-17 |

#### POLYVALVES

|                                                                                                                    | Code       | Size (OD) mm |
|--------------------------------------------------------------------------------------------------------------------|------------|--------------|
| <b>Full Bore Polyvalves</b>     | VPEHFB/025 | 25mm         |
|                                                                                                                    | VPEHFB/032 | 32mm         |
|                                                                                                                    | VPEHFB/050 | 50mm         |
|                                                                                                                    | VPEHFB/063 | 63mm         |
|                                                                                                                    | VPEHFB/090 | 90mm         |
|                                                                                                                    | VPEHFB/110 | 110mm        |
| <b>Reduced Bore Polyvalves</b>  | VPEH/125   | 125mm        |
|                                                                                                                    | VPEH/160   | 160mm        |

#### ELECTROFUSION END CAPS

|                                                                                                                                 | Code         | Size (OD)<br>mm | SDR  |
|---------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|------|
| <b>END CAP Coupler</b><br><b>PN16 SDR 11</b>  | FPEHCCAP/020 | 20              | 7-11 |
|                                                                                                                                 | FPEHCCAP/025 | 25              | 7-11 |
|                                                                                                                                 | FPEHCCAP/032 | 32              | 7-11 |
|                                                                                                                                 | FPEHCCAP/040 | 40              | 7-11 |
|                                                                                                                                 | FPEHCCAP/050 | 50              | 7-11 |
|                                                                                                                                 | FPEHCCAP/063 | 63              | 7-11 |
|                                                                                                                                 | FPEHCCAP/075 | 75              | 7-11 |
|                                                                                                                                 | FPEHCCAP/090 | 90              | 7-17 |
|                                                                                                                                 | FPEHCCAP/110 | 110             | 7-17 |
|                                                                                                                                 | FPEHCCAP/125 | 125             | 7-17 |
|                                                                                                                                 | FPEHCCAP/160 | 160             | 7-17 |
|                                                                                                                                 | FPEHCCAP/180 | 180             | 7-17 |
|                                                                                                                                 | FPEHCCAP/200 | 200             | 7-17 |
|                                                                                                                                 | FPEHCCAP/225 | 225             | 7-17 |
|                                                                                                                                 | FPEHCCAP/250 | 250             | 7-17 |
|                                                                                                                                 | FPEHCCAP/280 | 280             | 7-17 |
|                                                                                                                                 | FPEHCCAP/315 | 315             | 7-17 |

#### ELECTROFUSION REDUCING COUPLERS

|                                                                                                                                    | Code           | Size (OD)<br>mm | SDR  |
|------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|------|
| <b>Reducing Coupler</b><br><b>PN16 SDR 11</b>  | FPEHCR/025X020 | 25 x 20         | 7-11 |
|                                                                                                                                    | FPEHCR/032X020 | 32 x 20         | 7-11 |
|                                                                                                                                    | FPEHCR/032X025 | 32 x 25         | 7-11 |
|                                                                                                                                    | FPEHCR/040X020 | 40 x 20         | 7-11 |
|                                                                                                                                    | FPEHCR/040X032 | 40 x 32         | 7-11 |
|                                                                                                                                    | FPEHCR/050X032 | 50 x 32         | 7-11 |
|                                                                                                                                    | FPEHCR/050X040 | 50 x 40         | 7-11 |
|                                                                                                                                    | FPEHCR/063X032 | 63 x 32         | 7-11 |
|                                                                                                                                    | FPEHCR/063X040 | 63 x 40         | 7-11 |
|                                                                                                                                    | FPEHCR/063X050 | 63 x 50         | 7-11 |
|                                                                                                                                    | FPEHCR/075X063 | 75 x 63         | 7-11 |
|                                                                                                                                    | FPEHCR/090X050 | 90 x 50         | 7-17 |
|                                                                                                                                    | FPEHCR/090X063 | 90 x 63         | 7-17 |
|                                                                                                                                    | FPEHCR/090X075 | 90 x 75         | 7-17 |
|                                                                                                                                    | FPEHCR/110X063 | 110 x 63        | 7-17 |
|                                                                                                                                    | FPEHCR/110X090 | 110 x 90        | 7-17 |
|                                                                                                                                    | FPEHCR/125X090 | 125 x 90        | 7-17 |
|                                                                                                                                    | FPEHCR/125X110 | 125 x 110       | 7-17 |
|                                                                                                                                    | FPEHCR/160X090 | 160 x 90        | 7-17 |
|                                                                                                                                    | FPEHCR/160X110 | 160 x 110       | 7-17 |
|                                                                                                                                    | FPEHCR/160X125 | 160 x 125       | 7-17 |
|                                                                                                                                    | FPEHCR/180X125 | 180 x 125       | 7-17 |

#### ELECTROFUSION FLEX RESTRAINTS

|                                                                                                            | Code      | Size (OD) mm |
|------------------------------------------------------------------------------------------------------------|-----------|--------------|
| <b>Flex Restraint</b>  | FPEHCFLEX | 160-1600     |

\*Special tool required for installation

## ELECTROFUSION 90° ELBOWS

|                                                                                                                    | Code          | Size (OD)<br>mm | SDR  |
|--------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------|
| <b>90° Elbow<br/>PN16 SDR 11</b>  | FPEHCEL90/020 | 20              | 7-11 |
|                                                                                                                    | FPEHCEL90/025 | 25              | 7-11 |
|                                                                                                                    | FPEHCEL90/032 | 32              | 7-11 |
|                                                                                                                    | FPEHCEL90/040 | 40              | 7-17 |
|                                                                                                                    | FPEHCEL90/050 | 50              | 7-17 |
|                                                                                                                    | FPEHCEL90/063 | 63              | 7-17 |
|                                                                                                                    | FPEHCEL90/075 | 75              | 7-17 |
|                                                                                                                    | FPEHCEL90/090 | 90              | 7-17 |
|                                                                                                                    | FPEHCEL90/110 | 110             | 7-17 |
|                                                                                                                    | FPEHCEL90/125 | 125             | 7-17 |
|                                                                                                                    | FPEHCEL90/140 | 140             | 7-17 |
|                                                                                                                    | FPEHCEL90/160 | 160             | 7-17 |
|                                                                                                                    | FPEHCEL90/180 | 180             | 7-17 |
|                                                                                                                    | FPEHCEL90/200 | 200             | 7-17 |
|                                                                                                                    | FPEHCEL90/225 | 225             | 7-17 |
|                                                                                                                    | FPEHCEL90/250 | 250             | 7-17 |

## ELECTROFUSION 45° ELBOWS

|                                                                                                                      | Code          | Size (OD)<br>mm | SDR  |
|----------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------|
| <b>45° Elbow<br/>PN16 SDR 11</b>  | FPEHCEL45/032 | 32              | 7-11 |
|                                                                                                                      | FPEHCEL45/040 | 40              | 7-17 |
|                                                                                                                      | FPEHCEL45/050 | 50              | 7-17 |
|                                                                                                                      | FPEHCEL45/063 | 63              | 7-17 |
|                                                                                                                      | FPEHCEL45/075 | 75              | 7-17 |
|                                                                                                                      | FPEHCEL45/090 | 90              | 7-17 |
|                                                                                                                      | FPEHCEL45/110 | 110             | 7-17 |
|                                                                                                                      | FPEHCEL45/125 | 125             | 7-17 |
|                                                                                                                      | FPEHCEL45/140 | 140             | 7-17 |
|                                                                                                                      | FPEHCEL45/160 | 160             | 7-17 |
|                                                                                                                      | FPEHCEL45/180 | 180             | 7-17 |
|                                                                                                                      | FPEHCEL45/200 | 200             | 7-17 |
|                                                                                                                      | FPEHCEL45/225 | 225             | 7-17 |
|                                                                                                                      | FPEHCEL45/250 | 250             | 7-17 |

## ELECTROFUSION 22° ELBOWS

|                                                                                                                      | Code          | Size (OD)<br>mm | SDR  |
|----------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------|
| <b>22° Elbow<br/>PN16 SDR 11</b>  | FPEHCEL22/090 | 90              | 7-17 |
|                                                                                                                      | FPEHCEL22/110 | 110             | 7-17 |
|                                                                                                                      | FPEHCEL22/125 | 125             | 7-17 |
|                                                                                                                      | FPEHCEL22/160 | 160             | 7-17 |
|                                                                                                                      | FPEHCEL22/180 | 180             | 7-17 |
|                                                                                                                      |               |                 |      |

## ELECTROFUSION ADJUSTABLE ELBOWS

|                                                                                                                                                                                                                                       | Code             | Size (OD)<br>mm | SDR  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|------|
| <b>Adjustable Elbow<br/>2 Couplers<br/>PN16 SDR 11</b>  <p>Suitable for welding at any angle of <math>\pm 12^\circ</math> per side</p>              | FPEHCELADJ/090   | 90              | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/110   | 110             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/125   | 125             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/160   | 160             | 7-21 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/180   | 180             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/200   | 200             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/225   | 225             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELADJ/250   | 250             | 7-17 |
|                                                                                                                                                                                                                                       |                  |                 |      |
|                                                                                                                                                                                                                                       |                  |                 |      |
| <b>Adjustable Elbow 1 Sided<br/>Coupler/Spigot<br/>PN16 SDR 11</b>  <p>Suitable for welding at any angle of <math>\pm 12^\circ</math> one side</p> | FPEHCELSDJSP/110 | 110             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/125 | 125             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/160 | 160             | 7-21 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/180 | 180             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/200 | 200             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/225 | 225             | 7-17 |
|                                                                                                                                                                                                                                       | FPEHCELSDJSP/250 | 250             | 7-17 |

## PE TO STEEL ROLL GROOVE ADAPTORS

|                                                                                                                                                 | Code          | Size (OD)<br>mm | SDR  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|------|
| <b>PE TO Steel<br/>Roll Groove<br/>Adaptor PN16 SDR 11</b>  | FPEHRGA/125X4 | 125 x 4"        | 7-17 |
|                                                                                                                                                 | FPEHRGA/180X6 | 180 x 6"        | 7-17 |

## PE100 METRIC

### SADDLES

| ELECTROFUSION TAPPING SADDLES                                                                                                             |                 |                 |      |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|------|
|                                                                                                                                           | Code            | Size (OD)<br>mm | SDR  |
| <b>Tapping Saddle Underclamp<br/>PN16 SDR 11</b><br><br> | FPEHUTS/040X020 | 40 x 20         | 7-11 |
|                                                                                                                                           | FPEHUTS/040X032 | 40 x 32         | 7-11 |
|                                                                                                                                           | FPEHUTS/050X020 | 50 x 20         | 7-11 |
|                                                                                                                                           | FPEHUTS/050X025 | 50 x 25         | 7-11 |
|                                                                                                                                           | FPEHUTS/050X032 | 50 x 32         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X020 | 63 x 20         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X025 | 63 x 25         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X032 | 63 x 32         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X040 | 63 x 40         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X050 | 63 x 50         | 7-11 |
|                                                                                                                                           | FPEHUTS/063X063 | 63 x 63         | 7-11 |
|                                                                                                                                           | FPEHUTS/075X020 | 75 x 20         | 7-11 |
|                                                                                                                                           | FPEHUTS/075X032 | 75 x 32         | 7-11 |
|                                                                                                                                           | FPEHUTS/075X040 | 75 x 40         | 7-11 |
|                                                                                                                                           | FPEHUTS/075X050 | 75 x 50         | 7-11 |
|                                                                                                                                           | FPEHUTS/075X063 | 75 x 63         | 7-11 |
|                                                                                                                                           | FPEHUTS/090X020 | 90 x 20         | 7-17 |
|                                                                                                                                           | FPEHUTS/090X032 | 90 x 32         | 7-17 |
|                                                                                                                                           | FPEHUTS/090X040 | 90 x 40         | 7-17 |
|                                                                                                                                           | FPEHUTS/090X050 | 90 x 50         | 7-17 |
|                                                                                                                                           | FPEHUTS/090X063 | 90 x 63         | 7-17 |
|                                                                                                                                           | FPEHUTS/110X020 | 110 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/110X032 | 110 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/110X040 | 110 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/110X050 | 110 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/110X063 | 110 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/125X020 | 125 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/125X032 | 125 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/125X040 | 125 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/125X050 | 125 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/125X063 | 125 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/140X032 | 140 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/140X040 | 140 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/140X050 | 140 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/140X063 | 140 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/160X020 | 160 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/160X032 | 160 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/160X040 | 160 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/160X050 | 160 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/160X063 | 160 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/180X020 | 180 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/180X032 | 180 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/180X040 | 180 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/180X050 | 180 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/180X063 | 180 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/200X020 | 200 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/200X032 | 200 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/200X040 | 200 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/200X050 | 200 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/200X063 | 200 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/225X020 | 225 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/225X032 | 225 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/225X040 | 225 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/225X050 | 225 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/225X063 | 225 x 63        | 7-17 |
|                                                                                                                                           | FPEHUTS/250X020 | 250 x 20        | 7-17 |
|                                                                                                                                           | FPEHUTS/250X032 | 250 x 32        | 7-17 |
|                                                                                                                                           | FPEHUTS/250X040 | 250 x 40        | 7-17 |
|                                                                                                                                           | FPEHUTS/250X050 | 250 x 50        | 7-17 |
|                                                                                                                                           | FPEHUTS/250X063 | 250 x 63        | 7-17 |

| ELECTROFUSION BRANCH SADDLES                                                                                                                                 |                     |                 |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|------|
|                                                                                                                                                              | Code                | Size (OD)<br>mm | SDR  |
| <b>Branch Saddle Underclamp<br/>Spigot Off Take<br/>PN16 SDR 11</b><br><br> | FPEHUBS/063X032     | 63 x 32         | 7-11 |
|                                                                                                                                                              | FPEHUBS/063X040     | 63 x 40         | 7-11 |
|                                                                                                                                                              | FPEHUBS/063X050     | 63 x 50         | 7-11 |
|                                                                                                                                                              | FPEHUBS/063X063     | 63 x 63         | 7-11 |
|                                                                                                                                                              | FPEHUBS/075X032     | 75 x 32         | 7-11 |
|                                                                                                                                                              | FPEHUBS/075X040     | 75 x 40         | 7-11 |
|                                                                                                                                                              | FPEHUBS/075X050     | 75 x 50         | 7-11 |
|                                                                                                                                                              | FPEHUBS/075X063     | 75 x 63         | 7-11 |
|                                                                                                                                                              | FPEHUBS/090X032     | 90 x 32         | 7-17 |
|                                                                                                                                                              | FPEHUBS/090X040     | 90 x 40         | 7-17 |
|                                                                                                                                                              | FPEHUBS/090X050     | 90 x 50         | 7-17 |
|                                                                                                                                                              | FPEHUBS/090X063     | 90 x 63         | 7-17 |
|                                                                                                                                                              | FPEHUBS/090X090     | 90 x 90         | 7-17 |
|                                                                                                                                                              | FPEHUBS/110X032     | 110 x 32        | 7-17 |
|                                                                                                                                                              | FPEHUBS/110X040     | 110 x 40        | 7-17 |
|                                                                                                                                                              | FPEHUBS/110X050     | 110 x 50        | 7-17 |
|                                                                                                                                                              | FPEHUBS/110X063     | 110 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/110X090     | 110 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/125X032     | 125 x 32        | 7-17 |
|                                                                                                                                                              | FPEHUBS/125X040     | 125 x 40        | 7-17 |
|                                                                                                                                                              | FPEHUBS/125X050     | 125 x 50        | 7-17 |
|                                                                                                                                                              | FPEHUBS/125X063     | 125 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/125X090     | 125 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/140X040     | 140 x 40        | 7-17 |
|                                                                                                                                                              | FPEHUBS/140X063     | 140 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/140X090     | 140 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X032     | 160 x 32        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X040     | 160 x 40        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X050     | 160 x 50        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X063     | 160 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X090     | 160 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/160X110     | 160 x 110       | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X032     | 180 x 32        | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X040     | 180 x 40        | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X050     | 180 x 50        | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X063     | 180 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X090     | 180 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/180X110     | 180 x 110       | 7-17 |
|                                                                                                                                                              | FPEHUBS/200X063     | 200 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/200X090     | 200 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/200X110     | 200 x 110       | 7-17 |
|                                                                                                                                                              | FPEHUBS/225X063     | 225 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/225X090     | 225 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/225X110     | 225 x 110       | 7-17 |
|                                                                                                                                                              | FPEHUBS/250X063     | 250 x 63        | 7-17 |
|                                                                                                                                                              | FPEHUBS/250X090     | 250 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/250X110     | 250 x 110       | 7-17 |
|                                                                                                                                                              | FPEHUBS/280X090     | 280 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBS/315X090     | 315 x 90        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/063X11/4 | 63 x 1 1/4"     | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/075X11/4 | 75 x 1 1/4"     | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/090X2    | 90 x 2"         | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/110X2    | 110 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/125X2    | 125 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/140X2    | 140 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/160X2    | 160 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/180X2    | 180 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/200X2    | 200 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/225X2    | 225 x 2"        | 7-17 |
|                                                                                                                                                              | FPEHUBSBSP/250X2    | 250 x 2"        | 7-17 |
| <b>Branch Saddle Underclamp<br/>BSP Off Take<br/>PN16 SDR 11</b><br><br>  |                     |                 |      |
|                                                                                                                                                              |                     |                 |      |

## COMPRESSION TAPPING SADDLES

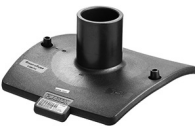
|                                                                                                                             | Code             | Size (OD) mm |
|-----------------------------------------------------------------------------------------------------------------------------|------------------|--------------|
| <b>Tapper Swivel Tee<br/>Metric PE</b><br> | PLTAPSAD/063X025 | 63 x 25      |
|                                                                                                                             | PLTAPSAD/125X025 | 125 x 25     |
|                                                                                                                             | PLTAPSAD/180X025 | 180 x 25     |
|                                                                                                                             |                  |              |

Refer to our Compression Fittings catalogue for other sizes.

## TAPPING SADDLE TOOLS

|                              | Code            |
|------------------------------|-----------------|
| Allen Key for Tapping Saddle | PLASSONKEY/12MM |

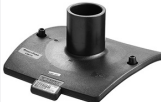
## TOPLOAD BRANCH SADDLES\*

|                                                                                                                                                                       | Code                 | Size (OD) mm | SDR   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|-------|
| <b>Topload Branch<br/>Saddle,<br/>Spigot Off Take,<br/>SDR11</b><br>               | FPEHTLBS/280-400X090 | 280-400x90   | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/280-400X110 | 280-400x110  | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/280-400X125 | 280-400x125  | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/280-400X160 | 280-400x160  | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/315-355X250 | 315-355x250  | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/400X250     | 400x250      | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/450-800X090 | 450-800x90   | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/450-800X110 | 450-800x110  | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/450-800X125 | 450-800x125  | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/450-800X160 | 450-800x160  | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/450X180     | 450x180      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/450X250     | 450x250      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/450X315     | 450x315      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/500-630X250 | 500-630x250  | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/500X315     | 500x315      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/560X315     | 560x315      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/560X400     | 560x400      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/630X315     | 630x315      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/630X355     | 630x355      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/630X400     | 630x400      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/710X250     | 710x250      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/710X315     | 710x315      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/710X400     | 710x400      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/800X250     | 800x250      | 11-26 |
| <b>Topload Branch<br/>Saddle,<br/>BSP Brass<br/>Female<br/>Off Take, SDR11</b><br> | FPEHTLBS/800X315     | 800x315      | 7-26  |
|                                                                                                                                                                       | FPEHTLBS/800X400     | 800x400      | 11-26 |
|                                                                                                                                                                       | FPEHTLBS/900X315     | 900x315      | 11-26 |
|                                                                                                                                                                       |                      |              |       |
| <b>Topload Branch<br/>Saddle,<br/>BSP Brass<br/>Female<br/>Off Take, SDR11</b><br> | FPEHTLBS/250-400X2   | 250-400x2"   | 7-17  |
|                                                                                                                                                                       | FPEHTLBS/450-800X2   | 450-800x2"   | 7-17  |

Rated to PN16  
Other sizes available  
on request.

Rated to PN16

## TOPLOAD SADDLES\*

|                                                                                                                                                         | Code                   | Size (OD) mm  | SDR   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------|-------|
| <b>Topload<br/>Saddle,<br/>Fixed 225mm<br/>90°<br/>Off Take</b><br>    | FPEHWWTLBS/315-450X225 | 315-450x225   | 11-33 |
|                                                                                                                                                         | FPEHWWTLBS/450-630X225 | 450-630x225   | 11-33 |
|                                                                                                                                                         | FPEHWWTLBS/630-800X225 | 630-800x225   | 11-33 |
| <b>Topload<br/>Saddle,<br/>Fixed 110mm<br/>45°<br/>Off Take</b><br>   | FPEHWWTLBS/160-200X110 | 160-200x110   | 11-26 |
|                                                                                                                                                         | FPEHWWTLBS/225-315X110 | 225-315x110   | 11-26 |
| <b>Topload<br/>Saddle,<br/>Adjustable<br/>160mm<br/>Off Take</b><br> | FPEHWWBSAD/225-260X160 | 225-260x160   | 11-26 |
|                                                                                                                                                         | FPEHWWBSAD/280-315X160 | 280-315x160   | 11-26 |
|                                                                                                                                                         | FPEHWWBSAD/355-560X160 | 355-560x160   | 11-26 |
|                                                                                                                                                         |                        |               |       |
| <b>Topload<br/>Repair<br/>Saddle</b><br>                             | FPEHCTLRS/250-900      |               |       |
|                                                                                                                                                         |                        |               |       |
| <b>Topload<br/>Sensor<br/>Saddle,<br/>SS 316 BSP</b><br>             | FPEHTLSS/110-400X1/2   | 110-400x1/2"  | 11    |
|                                                                                                                                                         | FPEHTLSS/110-400X3/4   | 110-400x3/4"  | 11    |
|                                                                                                                                                         | FPEHTLSS/110-400X1"    | 110-400x1"    | 11    |
|                                                                                                                                                         | FPEHTLSS/450-1200X1/2  | 450-1200x1/2" | 11    |
|                                                                                                                                                         | FPEHTLSS/450-1200X3/4  | 450-1200x3/4" | 11    |
|                                                                                                                                                         | FPEHTLSS/450-1200X1"   | 450-1200x1"   | 11    |

\*Topload tool and cutter required for installation.

## TOPLOAD TOOLS AND CUTTERS

### NOTE:

Approved top loading tools and cutters must be used when installing Saddles. These can be purchased or hired from Asmuuss. Please contact our sales team for further information.

\*Topload tool & cutter required for installation.

## PE100 METRIC

### ELECTROFUSION TRANSITION FITTINGS

#### ELECTROFUSION BRASS TRANSITION COUPLINGS

|                                                                                                                                                           | Code             | Size (OD)<br>mm x in | SDR  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|------|
| <b>Transition Coupling Male Brass</b><br><br>                            | FPEHMBA/020X1/2  | 20 x 1/2             | 7-11 |
|                                                                                                                                                           | FPEHMBA/025X3/4  | 25 x 3/4             | 7-11 |
|                                                                                                                                                           | FPEHMBA/032X1    | 32 x 1               | 7-11 |
|                                                                                                                                                           | FPEHMBA/032X11/4 | 32 x 1 1/4           | 7-11 |
|                                                                                                                                                           | FPEHMBA/040X1    | 40 x 1               | 7-11 |
|                                                                                                                                                           | FPEHMBA/040X11/4 | 40 x 1 1/4           | 7-11 |
|                                                                                                                                                           | FPEHMBA/040X11/2 | 40 x 1 1/2           | 7-11 |
|                                                                                                                                                           | FPEHMBA/050X11/2 | 50 x 1 1/2           | 7-11 |
|                                                                                                                                                           | FPEHMBA/050X2    | 50 x 2               | 7-11 |
|                                                                                                                                                           | FPEHMBA/063X11/4 | 63 x 1 1/4           | 7-11 |
|                                                                                                                                                           | FPEHMBA/063X11/2 | 63 x 1 1/2           | 7-11 |
|                                                                                                                                                           | FPEHMBA/063X2    | 63 x 2               | 7-11 |
|                                                                                                                                                           | FPEHMBA/075X2    | 75 x 2               | 7-17 |
|                                                                                                                                                           | FPEHMBA/075X21/2 | 75 x 2 1/2           | 7-17 |
| <b>Transition Coupling Female Brass BSP OUTLET PN16 SDR 11</b><br><br> | FPEHFBA/020X1/2  | 20 x 1/2             | 7-11 |
|                                                                                                                                                           | FPEHFBA/025X3/4  | 25 x 3/4             | 7-11 |
|                                                                                                                                                           | FPEHFBA/032X1    | 32 x 1               | 7-11 |
|                                                                                                                                                           | FPEHFBA/040X11/4 | 40 x 1 1/4           | 7-11 |
|                                                                                                                                                           | FPEHFBA/050X11/2 | 50 x 1 1/2           | 7-11 |
|                                                                                                                                                           | FPEHFBA/050X2    | 50 x 2               | 7-11 |
|                                                                                                                                                           | FPEHFBA/063X11/2 | 63 x 1 1/2           | 7-11 |
|                                                                                                                                                           | FPEHFBA/063X2    | 63 x 2               | 7-11 |

#### ELECTROFUSION STAINLESS STEEL TRANSITION ADAPTORS

|                                                                                                                                                             | Code             | Size (OD)<br>mm x in | SDR  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|------|
| <b>Transition Coupling Male St. Steel BSP Outlet PN16 SDR 11</b><br><br> | FPEHMSA/040X11/4 | 40 x 1 1/4           | 7-11 |
|                                                                                                                                                             | FPEHMSA/050X11/2 | 50 x 1 1/2           | 7-11 |
|                                                                                                                                                             | FPEHMSA/063X11/2 | 63 x 1 1/2           | 7-11 |
|                                                                                                                                                             | FPEHMSA/063X2    | 63 x 2               | 7-11 |

#### SPIGOT BRASS TRANSITION ADAPTORS

|                                                                                                                                          | Code               | Size (OD)<br>mm | SDR  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|------|
| <b>Transition Adaptor Male Brass Spigot</b><br><br>     | FPEHMBASP/020X1/2  | 20 x 1/2        | 7-11 |
|                                                                                                                                          | FPEHMBASP/025X3/4  | 25 x 3/4        | 7-11 |
|                                                                                                                                          | FPEHMBASP/032X1    | 32 x 1          | 7-11 |
|                                                                                                                                          | FPEHMBASP/032X1/2  | 32 x 1/2        | 7-11 |
|                                                                                                                                          | FPEHMBASP/032X11/2 | 32 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHMBASP/032X11/4 | 32 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/032X3/4  | 32 x 3/4        | 7-11 |
|                                                                                                                                          | FPEHMBASP/040X1    | 40 x 1          | 7-11 |
|                                                                                                                                          | FPEHMBASP/040X11/4 | 40 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/040X11/2 | 40 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHMBASP/040X2    | 40 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X1    | 50 x 1          | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X11/4 | 50 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X11/2 | 50 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X2    | 50 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/063X11/4 | 63 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/063X11/2 | 63 x 1 1/2      | 7-11 |
| <b>Transition Adaptor Female Brass Spigot</b><br><br> | FPEHMBASP/040X2    | 40 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X1    | 50 x 1          | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X11/4 | 50 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X11/2 | 50 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHMBASP/050X2    | 50 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/063X11/4 | 63 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHMBASP/063X11/2 | 63 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHMBASP/063X2    | 63 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/075X2    | 75 x 2          | 7-11 |
|                                                                                                                                          | FPEHMBASP/075X21/2 | 75 x 2 1/2      | 7-11 |
|                                                                                                                                          | FPEHFBASP/020X1/2  | 20 x 1/2        | 7-11 |
|                                                                                                                                          | FPEHFBASP/025X3/4  | 25 x 3/4        | 7-11 |
|                                                                                                                                          | FPEHFBASP/032X3/4  | 32 x 3/4        | 7-11 |
|                                                                                                                                          | FPEHFBASP/032X1    | 32 x 1          | 7-11 |
|                                                                                                                                          | FPEHFBASP/032X11/2 | 32 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHFBASP/040X1    | 40 x 1          | 7-11 |
|                                                                                                                                          | FPEHFBASP/040X11/4 | 40 x 1 1/4      | 7-11 |
|                                                                                                                                          | FPEHFBASP/040X11/2 | 40 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHFBASP/050X11/2 | 50 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHFBASP/050X2    | 50 x 2          | 7-11 |
|                                                                                                                                          | FPEHFBASP/063X11/2 | 63 x 1 1/2      | 7-11 |
|                                                                                                                                          | FPEHFBASP/063X2    | 63 x 2          | 7-11 |

#### SPIGOT PE TRANSITION ADAPTOR

|                                                                                                                                            | Code                | Size (OD)<br>mm x in | SDR  |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|------|
| <b>Spigot PE Transition Adaptor PN16 SDR 11</b><br><br> | FPEHNIPTLS/025X3/4  | 25 x 3/4"            | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/032X1    | 32 x 1"              | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/040X1    | 40 x 1"              | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/040X11/4 | 40 x 1 1/4"          | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/040X11/2 | 40 x 1 1/2"          | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/050X11/2 | 50 x 1 1/2"          | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/063X11/2 | 63 x 1 1/2"          | 7-11 |
|                                                                                                                                            | FPEHNIPTLS/063X2    | 63 x 2"              | 7-11 |



# PE100 METRIC

## SDR11 SPIGOT FITTINGS

### LONG SPIGOT STUB FLANGES

|                                                                                                                                 | Code       | Size (OD) mm |
|---------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| <b>PE100 SDR11 Long Spigot Stub Flange</b><br> | FPEHSF/025 | 25mm         |
|                                                                                                                                 | FPEHSF/032 | 32mm         |
|                                                                                                                                 | FPEHSF/040 | 40mm         |
|                                                                                                                                 | FPEHSF/050 | 50mm         |
|                                                                                                                                 | FPEHSF/063 | 63mm         |
|                                                                                                                                 | FPEHSF/075 | 75mm         |
|                                                                                                                                 | FPEHSF/090 | 90mm         |
|                                                                                                                                 | FPEHSF/110 | 110mm        |
|                                                                                                                                 | FPEHSF/125 | 125mm        |
|                                                                                                                                 | FPEHSF/140 | 140mm        |
|                                                                                                                                 | FPEHSF/160 | 160mm        |
|                                                                                                                                 | FPEHSF/180 | 180mm        |
|                                                                                                                                 | FPEHSF/200 | 200mm        |
|                                                                                                                                 | FPEHSF/225 | 225mm        |
|                                                                                                                                 | FPEHSF/250 | 250mm        |
|                                                                                                                                 | FPEHSF/280 | 280mm        |
|                                                                                                                                 | FPEHSF/315 | 315mm        |
|                                                                                                                                 | FPEHSF/355 | 355mm        |
|                                                                                                                                 | FPEHSF/400 | 400mm        |
|                                                                                                                                 | FPEHSF/450 | 450mm        |
|                                                                                                                                 | FPEHSF/500 | 500mm        |
|                                                                                                                                 | FPEHSF/560 | 560mm        |
|                                                                                                                                 | FPEHSF/630 | 630mm        |

### FULL BORE FULL FACE FLANGES

|                                                                                                                                                                                       | Code                    | Size (OD) mm |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------|
| <b>Full Faced PE100 SDR11 Slim Flange Assembly Complete with FBE 4087 PN16 Backing Ring</b><br>    | SlimFlangeFFN/250X200   | 250 X 200mm  |
|                                                                                                                                                                                       | SlimFlangeFFN/315X250   | 315 X 250mm  |
|                                                                                                                                                                                       | SlimFlangeFFN/355X300   | 355 X 300mm  |
|                                                                                                                                                                                       |                         |              |
| <b>Full Faced PE100 SDR11 Slim Flange Assembly Complete with SS 316 4087 PN16 Backing Ring</b><br> | SlimFlangeFFNSS/250X200 | 250 X 200mm  |
|                                                                                                                                                                                       | SlimFlangeFFNSS/315X250 | 315 X 250mm  |
|                                                                                                                                                                                       | SlimFlangeFFNSS/355X300 | 355 X 300mm  |
|                                                                                                                                                                                       |                         |              |

### LONG SPIGOT 90° ELBOWS

|                                                                                                                                | Code         | Size (OD) mm |
|--------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>PE100 SDR11 Long Spigot Elbow 90°</b><br> | FPEHEL90/025 | 25mm         |
|                                                                                                                                | FPEHEL90/032 | 32mm         |
|                                                                                                                                | FPEHEL90/040 | 40mm         |
|                                                                                                                                | FPEHEL90/050 | 50mm         |
|                                                                                                                                | FPEHEL90/063 | 63mm         |
|                                                                                                                                | FPEHEL90/075 | 75mm         |
|                                                                                                                                | FPEHEL90/090 | 90mm         |
|                                                                                                                                | FPEHEL90/110 | 110mm        |
|                                                                                                                                | FPEHEL90/125 | 125mm        |
|                                                                                                                                | FPEHEL90/140 | 140mm        |
|                                                                                                                                | FPEHEL90/160 | 160mm        |
|                                                                                                                                | FPEHEL90/180 | 180mm        |
|                                                                                                                                | FPEHEL90/200 | 200mm        |
|                                                                                                                                | FPEHEL90/225 | 225mm        |
|                                                                                                                                | FPEHEL90/250 | 250mm        |
|                                                                                                                                | FPEHEL90/280 | 280mm        |
|                                                                                                                                | FPEHEL90/315 | 315mm        |
|                                                                                                                                | FPEHEL90/355 | 355mm        |
|                                                                                                                                | FPEHEL90/400 | 400mm        |
|                                                                                                                                | FPEHEL90/450 | 450mm        |
|                                                                                                                                | FPEHEL90/500 | 500mm        |

### LONG SPIGOT 45° ELBOWS

|                                                                                                                                  | Code         | Size (OD) mm |
|----------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>PE100 SDR11 Long Spigot Elbow 45°</b><br> | FPEHEL45/025 | 25mm         |
|                                                                                                                                  | FPEHEL45/032 | 32mm         |
|                                                                                                                                  | FPEHEL45/040 | 40mm         |
|                                                                                                                                  | FPEHEL45/050 | 50mm         |
|                                                                                                                                  | FPEHEL45/063 | 63mm         |
|                                                                                                                                  | FPEHEL45/075 | 75mm         |
|                                                                                                                                  | FPEHEL45/090 | 90mm         |
|                                                                                                                                  | FPEHEL45/110 | 110mm        |
|                                                                                                                                  | FPEHEL45/125 | 125mm        |
|                                                                                                                                  | FPEHEL45/140 | 140mm        |
|                                                                                                                                  | FPEHEL45/160 | 160mm        |
|                                                                                                                                  | FPEHEL45/180 | 180mm        |
|                                                                                                                                  | FPEHEL45/200 | 200mm        |
|                                                                                                                                  | FPEHEL45/225 | 225mm        |
|                                                                                                                                  | FPEHEL45/250 | 250mm        |
|                                                                                                                                  | FPEHEL45/280 | 280mm        |
|                                                                                                                                  | FPEHEL45/315 | 315mm        |
|                                                                                                                                  | FPEHEL45/355 | 355mm        |
|                                                                                                                                  | FPEHEL45/400 | 400mm        |
|                                                                                                                                  | FPEHEL45/450 | 450mm        |
|                                                                                                                                  | FPEHEL45/500 | 500mm        |

### REDUCED BORE FLANGES

|                                                                                                                                  | Code            | Size (OD) mm |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| <b>PE100 SDR11 Reduced Bore Flange</b><br>   | P5316.J7.250200 | 250 X 200mm  |
|                                                                                                                                  | P5316.J7.315250 | 315 X 250mm  |
|                                                                                                                                  | P5316.J7.315300 | 315 x 300mm  |
|                                                                                                                                  | P5316.J7.450375 | 450 X 375mm  |
| Standard specification FBE Coated 4087 b/Ring. Long Spigot . Multiple SDR ratings, Backing Ring material and drillings available |                 |              |

## PE100 METRIC

### SDR11 SPIGOT FITTINGS

#### LONG SPIGOT REDUCERS

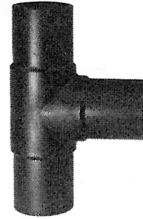
##### PE100 SDR11 Long Spigot Reducer



| Code          | Size (OD) mm |
|---------------|--------------|
| FPEHR/025X020 | 25 X 20mm    |
| FPEHR/032X020 | 32 X 20mm    |
| FPEHR/032X025 | 32 X 25mm    |
| FPEHR/040X020 | 40 X 20mm    |
| FPEHR/040X025 | 40 X 25mm    |
| FPEHR/040X032 | 40 X 32mm    |
| FPEHR/050X032 | 50 X 32mm    |
| FPEHR/050X040 | 50 X 40mm    |
| FPEHR/063X032 | 63 X 32mm    |
| FPEHR/063X040 | 63 X 40mm    |
| FPEHR/063X050 | 63 X 50mm    |
| FPEHR/075X040 | 75 X 40mm    |
| FPEHR/075X050 | 75 X 50mm    |
| FPEHR/075X063 | 75 X 63mm    |
| FPEHR/090X050 | 90 X 50mm    |
| FPEHR/090X063 | 90 X 63mm    |
| FPEHR/090X075 | 90 X 75mm    |
| FPEHR/110X063 | 110 X 63mm   |
| FPEHR/110X075 | 110 X 75mm   |
| FPEHR/110X090 | 110 X 90mm   |
| FPEHR/125X063 | 125 X 63mm   |
| FPEHR/125X075 | 125 X 75mm   |
| FPEHR/125X090 | 125 X 90mm   |
| FPEHR/125X110 | 125 X 110mm  |
| FPEHR/140X125 | 140 X 125mm  |
| FPEHR/160X090 | 160 X 90mm   |
| FPEHR/160X110 | 160 X 110mm  |
| FPEHR/160X125 | 160 X 125mm  |
| FPEHR/160X140 | 160 X 140mm  |
| FPEHR/180X090 | 180 X 90mm   |
| FPEHR/180X125 | 180 X 125mm  |
| FPEHR/180X140 | 180 X 140mm  |
| FPEHR/180X160 | 180 X 160M   |
| FPEHR/200X160 | 200 X 160mm  |
| FPEHR/200X180 | 200 X 180mm  |
| FPEHR/225X160 | 225 X 160mm  |
| FPEHR/225X180 | 225 X 180mm  |
| FPEHR/225X200 | 225 X 200mm  |
| FPEHR/250X180 | 250 X 180mm  |
| FPEHR/250X200 | 250 X 200mm  |
| FPEHR/250X225 | 250 X 225mm  |
| FPEHR/280X225 | 280 X 225mm  |
| FPEHR/280X250 | 280 X 250mm  |
| FPEHR/315X225 | 315 X 225mm  |
| FPEHR/315X250 | 315 X 250mm  |
| FPEHR/355X250 | 355 X 250mm  |
| FPEHR/355X315 | 355 X 315mm  |
| FPEHR/450X355 | 450 X 355mm  |

#### LONG SPIGOT TEES

##### PE100 SDR11 Long Spigot Tee



| Code      | Size (OD) mm |
|-----------|--------------|
| FPEHT/020 | 20mm         |
| FPEHT/025 | 25mm         |
| FPEHT/032 | 32mm         |
| FPEHT/040 | 40mm         |
| FPEHT/050 | 50mm         |
| FPEHT/063 | 63mm         |
| FPEHT/075 | 75mm         |
| FPEHT/090 | 90mm         |
| FPEHT/110 | 110mm        |
| FPEHT/125 | 125mm        |
| FPEHT/140 | 140mm        |
| FPEHT/160 | 160mm        |
| FPEHT/180 | 180mm        |
| FPEHT/200 | 200mm        |
| FPEHT/225 | 225mm        |
| FPEHT/250 | 250mm        |
| FPEHT/280 | 280mm        |
| FPEHT/315 | 315mm        |
| FPEHT/355 | 355mm        |
| FPEHT/400 | 400mm        |
| FPEHT/450 | 450mm        |
| FPEHT/500 | 500mm        |
| FPEHT/560 | 560mm        |
| FPEHT/630 | 630mm        |

#### LONG SPIGOT HYDRANT TEES

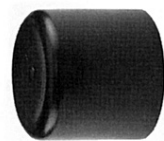
##### PE100 SDR11 Long Spigot Hydrant Tee



| Code       | Size (OD) mm  |
|------------|---------------|
| FPEHHT/125 | 125 X Hydrant |
| FPEHHT/180 | 180 X Hydrant |
| FPEHHT/250 | 250 X Hydrant |

#### LONG SPIGOT END CAPS

##### PE100 SDR11 Long Spigot Cap



| Code        | Size (OD) mm |
|-------------|--------------|
| FPEHCAP/025 | 25mm         |
| FPEHCAP/032 | 32mm         |
| FPEHCAP/040 | 40mm         |
| FPEHCAP/050 | 50mm         |
| FPEHCAP/063 | 63mm         |
| FPEHCAP/075 | 75mm         |
| FPEHCAP/090 | 90mm         |
| FPEHCAP/110 | 110mm        |
| FPEHCAP/125 | 125mm        |
| FPEHCAP/140 | 140mm        |
| FPEHCAP/160 | 160mm        |
| FPEHCAP/180 | 180mm        |
| FPEHCAP/200 | 200mm        |
| FPEHCAP/225 | 225mm        |
| FPEHCAP/250 | 250mm        |
| FPEHCAP/280 | 280mm        |
| FPEHCAP/315 | 315mm        |
| FPEHCAP/355 | 355mm        |
| FPEHCAP/400 | 400mm        |



# PE100 METRIC

## SDR17 SPIGOT FITTINGS

### LONG SPIGOT 90° ELBOWS

|                                                                                                                                      | Code           | Size (OD) mm |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Elbow 90°</b>  | FPE17HEL90/090 | 90mm         |
|                                                                                                                                      | FPE17HEL90/110 | 110mm        |
|                                                                                                                                      | FPE17HEL90/125 | 125mm        |
|                                                                                                                                      | FPE17HEL90/140 | 140mm        |
|                                                                                                                                      | FPE17HEL90/160 | 160mm        |
|                                                                                                                                      | FPE17HEL90/180 | 180mm        |
|                                                                                                                                      | FPE17HEL90/200 | 200mm        |
|                                                                                                                                      | FPE17HEL90/225 | 225mm        |
|                                                                                                                                      | FPE17HEL90/250 | 250mm        |
|                                                                                                                                      | FPE17HEL90/280 | 280mm        |
|                                                                                                                                      | FPE17HEL90/315 | 315mm        |
|                                                                                                                                      | FPE17HEL90/355 | 355mm        |
|                                                                                                                                      | FPE17HEL90/400 | 400mm        |
|                                                                                                                                      | FPE17HEL90/450 | 450mm        |
|                                                                                                                                      | FPE17HEL90/500 | 500mm        |

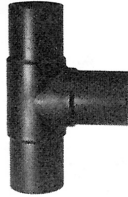
### LONG SPIGOT 45° ELBOWS

|                                                                                                                                        | Code           | Size (OD) mm |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Elbow 45°</b>  | FPE17HEL45/090 | 90mm         |
|                                                                                                                                        | FPE17HEL45/110 | 110mm        |
|                                                                                                                                        | FPE17HEL45/125 | 125mm        |
|                                                                                                                                        | FPE17HEL45/140 | 140mm        |
|                                                                                                                                        | FPE17HEL45/160 | 160mm        |
|                                                                                                                                        | FPE17HEL45/180 | 180mm        |
|                                                                                                                                        | FPE17HEL45/200 | 200mm        |
|                                                                                                                                        | FPE17HEL45/225 | 225mm        |
|                                                                                                                                        | FPE17HEL45/250 | 250mm        |
|                                                                                                                                        | FPE17HEL45/280 | 280mm        |
|                                                                                                                                        | FPE17HEL45/315 | 315mm        |
|                                                                                                                                        | FPE17HEL45/355 | 355mm        |
|                                                                                                                                        | FPE17HEL45/400 | 400mm        |
|                                                                                                                                        | FPE17HEL45/450 | 450mm        |
|                                                                                                                                        | FPE17HEL45/500 | 500mm        |

### LONG SPIGOT REDUCERS

|                                                                                                                                      | Code            | Size (OD) mm |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Reducer</b>  | FPE17HR/090X075 | 90 X 75mm    |
|                                                                                                                                      | FPE17HR/110X063 | 110 X 63mm   |
|                                                                                                                                      | FPE17HR/110X090 | 110 X 090mm  |
|                                                                                                                                      | FPE17HR/125X110 | 125 X 110mm  |
|                                                                                                                                      | FPE17HR/140X125 | 140 X 125mm  |
|                                                                                                                                      | FPE17HR/160X110 | 160 X 110mm  |
|                                                                                                                                      | FPE17HR/160X125 | 160 X 125mm  |
|                                                                                                                                      | FPE17HR/160X140 | 160 X 140mm  |
|                                                                                                                                      | FPE17HR/180X110 | 180 X 110mm  |
|                                                                                                                                      | FPE17HR/180X140 | 180 X 140mm  |
|                                                                                                                                      | FPE17HR/180X160 | 180 X 160mm  |
|                                                                                                                                      | FPE17HR/200X160 | 200 X 160mm  |
|                                                                                                                                      | FPE17HR/225X160 | 225 X 160mm  |
|                                                                                                                                      | FPE17HR/225X200 | 225 X 200mm  |
|                                                                                                                                      | FPE17HR/250X200 | 250 X 200mm  |
|                                                                                                                                      | FPE17HR/250X225 | 250 X 225mm  |
|                                                                                                                                      | FPE17HR/280X250 | 280 X 250mm  |
|                                                                                                                                      | FPE17HR/315X200 | 315 X 200mm  |
|                                                                                                                                      | FPE17HR/315X225 | 315 X 225mm  |
|                                                                                                                                      | FPE17HR/315X250 | 315 X 250mm  |
|                                                                                                                                      | FPE17HR/315X250 | 315 X 250mm  |
|                                                                                                                                      | FPE17HR/355X250 | 355 X 250mm  |
|                                                                                                                                      | FPE17HR/355X315 | 355 X 315mm  |
|                                                                                                                                      | FPE17HR/450X355 | 450 X 355mm  |

### LONG SPIGOT TEES

|                                                                                                                                 | Code        | Size (OD) mm |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Tee</b>  | FPE17HT/090 | 90mm         |
|                                                                                                                                 | FPE17HT/110 | 110mm        |
|                                                                                                                                 | FPE17HT/125 | 125mm        |
|                                                                                                                                 | FPE17HT/140 | 140mm        |
|                                                                                                                                 | FPE17HT/160 | 160mm        |
|                                                                                                                                 | FPE17HT/180 | 180mm        |
|                                                                                                                                 | FPE17HT/200 | 200mm        |
|                                                                                                                                 | FPE17HT/225 | 225mm        |
|                                                                                                                                 | FPE17HT/250 | 250mm        |
|                                                                                                                                 | FPE17HT/280 | 280mm        |
|                                                                                                                                 | FPE17HT/315 | 315mm        |
|                                                                                                                                 | FPE17HT/355 | 355mm        |
|                                                                                                                                 | FPE17HT/400 | 400mm        |
|                                                                                                                                 | FPE17HT/450 | 450mm        |
|                                                                                                                                 | FPE17HT/500 | 500mm        |
|                                                                                                                                 | FPE17HT/560 | 560mm        |
|                                                                                                                                 | FPE17HT/630 | 630mm        |

### ANGLE BRANCH WYE

|                                                                                                                                                | Code          | Size (OD) mm |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Angle Branch Wye</b>  | FPE17HWYE/110 | 110mm        |
|                                                                                                                                                | FPE17HWYE/160 | 160mm        |
|                                                                                                                                                | FPE17HWYE/200 | 200mm        |
|                                                                                                                                                | FPE17HWYE/225 | 225mm        |
|                                                                                                                                                | FPE17HWYE/250 | 250mm        |

### LONG SPIGOT STUB FLANGES

|                                                                                                                                           | Code         | Size (OD) mm |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>PE100 SDR17</b><br><b>Long Spigot Stub Flange</b>  | FPE17HSF/090 | 90mm         |
|                                                                                                                                           | FPE17HSF/110 | 110mm        |
|                                                                                                                                           | FPE17HSF/125 | 125mm        |
|                                                                                                                                           | FPE17HSF/140 | 140mm        |
|                                                                                                                                           | FPE17HSF/160 | 160mm        |
|                                                                                                                                           | FPE17HSF/180 | 180mm        |
|                                                                                                                                           | FPE17HSF/200 | 200mm        |
|                                                                                                                                           | FPE17HSF/225 | 225mm        |
|                                                                                                                                           | FPE17HSF/250 | 250mm        |
|                                                                                                                                           | FPE17HSF/280 | 280mm        |
|                                                                                                                                           | FPE17HSF/315 | 315mm        |
|                                                                                                                                           | FPE17HSF/355 | 355mm        |
|                                                                                                                                           | FPE17HSF/400 | 400mm        |
|                                                                                                                                           | FPE17HSF/450 | 450mm        |
|                                                                                                                                           | FPE17HSF/500 | 500mm        |
|                                                                                                                                           | FPE17HSF/560 | 560mm        |
|                                                                                                                                           | FPE17HSF/630 | 630mm        |

## PE100 METRIC

### BUTT WELD FITTINGS

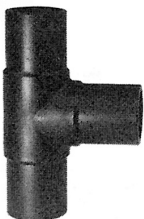
#### SDR11 BUTT WELD STUB FLANGES

|                                                                                                                                                                                  | Code          | Size (OD) mm |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| <b>PE100 SDR11<br/>Butt Weld<br/>Stub Flange</b><br><br><br>Other sizes available<br>on request | FPEHSFBW/250  | 250mm        |
|                                                                                                                                                                                  | FPEHSFBW/280  | 280mm        |
|                                                                                                                                                                                  | FPEHSFBW/315  | 315mm        |
|                                                                                                                                                                                  | FPEHSFBW/355  | 355mm        |
|                                                                                                                                                                                  | FPEHSFBW/400  | 400mm        |
|                                                                                                                                                                                  | FPEHSFBW/450  | 450mm        |
|                                                                                                                                                                                  | FPEHSFBW/500  | 500mm        |
|                                                                                                                                                                                  | FPEHSFBW/630  | 630mm        |
|                                                                                                                                                                                  | FPEHSFBW/710  | 710mm        |
|                                                                                                                                                                                  | FPEHSFBW/800  | 800mm        |
|                                                                                                                                                                                  | FPEHSFBW/900  | 900mm        |
|                                                                                                                                                                                  | FPEHSFBW/1000 | 1000mm       |

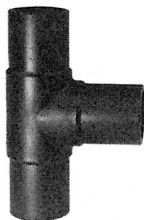
#### SDR17 BUTT WELD STUB FLANGES

|                                                                                                                                                                                   | Code            | Size (OD) mm |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| <b>PE100 SDR17<br/>Butt Weld<br/>Stub Flange</b><br><br><br>Other sizes available<br>on request | FPE17HSFBW/280  | 280mm        |
|                                                                                                                                                                                   | FPE17HSFBW/315  | 315mm        |
|                                                                                                                                                                                   | FPE17HSFBW/355  | 355mm        |
|                                                                                                                                                                                   | FPE17HSFBW/400  | 400mm        |
|                                                                                                                                                                                   | FPE17HSFBW/450  | 450mm        |
|                                                                                                                                                                                   | FPE17HSFBW/500  | 500mm        |
|                                                                                                                                                                                   | FPE17HSFBW/560  | 560mm        |
|                                                                                                                                                                                   | FPE17HSFBW/630  | 630mm        |
|                                                                                                                                                                                   | FPE17HSFBW/710  | 710mm        |
|                                                                                                                                                                                   | FPE17HSFBW/800  | 800mm        |
|                                                                                                                                                                                   | FPE17HSFBW/900  | 900mm        |
|                                                                                                                                                                                   | FPE17HSFBW/1000 | 1000mm       |
|                                                                                                                                                                                   |                 |              |

#### SDR11 BUTT WELD TEES

|                                                                                                                                 | Code        | Size (OD) mm |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|
| <b>PE100 SDR11<br/>Butt Weld Tee</b><br><br> | FPEHTBW/355 | 355mm        |
|                                                                                                                                 | FPEHTBW/400 | 400mm        |
|                                                                                                                                 | FPEHTBW/450 | 450mm        |
|                                                                                                                                 | FPEHTBW/500 | 500mm        |
|                                                                                                                                 |             |              |

#### SDR17 BUTT WELD TEES

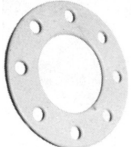
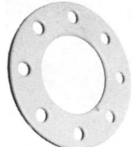
|                                                                                                                                  | Code          | Size (OD) mm |
|----------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| <b>PE100 SDR17<br/>Butt Weld Tee</b><br><br> | FPE17HTBW/355 | 355mm        |
|                                                                                                                                  | FPE17HTBW/400 | 400mm        |
|                                                                                                                                  | FPE17HTBW/450 | 450mm        |
|                                                                                                                                  | FPE17HTBW/500 | 500mm        |
|                                                                                                                                  |               |              |

#### SDR11 BUTT WELD REDUCERS

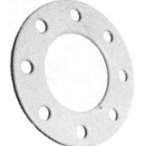
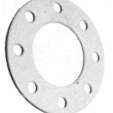
|                                                                                                                                                                                | Code            | Size (OD) mm |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| <b>PE100 SDR11<br/>Butt Weld<br/>Reducer</b><br><br><br>Other sizes available<br>on request | FPEHRBW/315X200 | 315 X 200mm  |
|                                                                                                                                                                                | FPEHRBW/315X225 | 315 X 225mm  |
|                                                                                                                                                                                | FPEHRBW/315X250 | 315 X 250mm  |
|                                                                                                                                                                                | FPEHRBW/355X225 | 355 X 225mm  |
|                                                                                                                                                                                | FPEHRBW/355X250 | 355 X 250mm  |
|                                                                                                                                                                                | FPEHRBW/355X280 | 355 X 280mm  |
|                                                                                                                                                                                | FPEHRBW/355X315 | 355 X 315mm  |
|                                                                                                                                                                                | FPEHRBW/400X250 | 400 X 250mm  |
|                                                                                                                                                                                | FPEHRBW/400X280 | 400 X 280mm  |
|                                                                                                                                                                                | FPEHRBW/400X315 | 400 X 315mm  |
|                                                                                                                                                                                | FPEHRBW/400X355 | 400 X 355mm  |
|                                                                                                                                                                                | FPEHRBW/450X280 | 450 X 280mm  |
|                                                                                                                                                                                | FPEHRBW/450X315 | 450 X 315mm  |
|                                                                                                                                                                                | FPEHRBW/450X355 | 450 X 355mm  |
|                                                                                                                                                                                | FPEHRBW/450X400 | 450 X 400mm  |
|                                                                                                                                                                                | FPEHRBW/500X355 | 500 X 355mm  |
|                                                                                                                                                                                | FPEHRBW/500X400 | 500 X 400mm  |
|                                                                                                                                                                                | FPEHRBW/500X450 | 500 X 450mm  |
|                                                                                                                                                                                | FPEHRBW/560X400 | 560 X 400mm  |
|                                                                                                                                                                                | FPEHRBW/560X450 | 560 X 450mm  |
|                                                                                                                                                                                | FPEHRBW/560X500 | 560 X 500mm  |
|                                                                                                                                                                                | FPEHRBW/630X400 | 630 X 400mm  |
|                                                                                                                                                                                | FPEHRBW/630X450 | 630 X 450mm  |
|                                                                                                                                                                                | FPEHRBW/630X500 | 630 X 500mm  |
|                                                                                                                                                                                | FPEHRBW/630X560 | 630 X 560mm  |
|                                                                                                                                                                                | FPEHRBW/710X560 | 710 X 560mm  |
|                                                                                                                                                                                | FPEHRBW/710X630 | 710 X 630mm  |

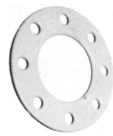
# Backing Rings

## AND DRESSING SETS

| FBE COATED BACKING RINGS FOR PE                                                                                                                                                                                                 |              |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
|                                                                                                                                                                                                                                 | Code         | Size (OD) mm |
| <b>FBE Coated Backing Ring for PE 4087 PN16 Drilling</b><br>  | FPEBRNTD/063 | 63           |
|                                                                                                                                                                                                                                 | FPEBRNTD/090 | 90           |
|                                                                                                                                                                                                                                 | FPEBRNTD/110 | 110          |
|                                                                                                                                                                                                                                 | FPEBRNTD/125 | 125          |
|                                                                                                                                                                                                                                 | FPEBRNTD/160 | 160          |
|                                                                                                                                                                                                                                 | FPEBRNTD/180 | 180          |
|                                                                                                                                                                                                                                 | FPEBRNTD/225 | 225          |
|                                                                                                                                                                                                                                 | FPEBRNTD/250 | 250          |
|                                                                                                                                                                                                                                 | FPEBRNTD/315 | 315          |
|                                                                                                                                                                                                                                 | FPEBRNTD/355 | 355          |
|                                                                                                                                                                                                                                 | FPEBRNTD/400 | 400          |
|                                                                                                                                                                                                                                 | FPEBRNTD/450 | 450          |
|                                                                                                                                                                                                                                 | FPEBRNTD/500 | 500          |
|                                                                                                                                                                                                                                 | FPEBRNTD/560 | 560          |
|                                                                                                                                                                                                                                 | FPEBRNTD/630 | 630          |
| <b>FBE Coated Backing Ring for PE Table E Drilling</b><br>                                                                                   | FPEBRNTE/160 | 160          |
|                                                                                                                                                                                                                                 | FPEBRNTE/180 | 180          |
|                                                                                                                                                                                                                                 | FPEBRNTE/200 | 200          |
|                                                                                                                                                                                                                                 | FPEBRNTE/250 | 250          |
|                                                                                                                                                                                                                                 | FPEBRNTE/315 | 315          |

| SS BACKING RINGS FOR PE                                                                                                                    |                     |              |                |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|----------------|
|                                                                                                                                            | Code                | Size (OD) mm | Bolt Length mm |
| <b>Dressing Set 316SS Bolts Table D EPDM Gasket</b><br> | FPEHDRESS316TD/063  | 63           | 75             |
|                                                                                                                                            | FPEHDRESS316TD/075  | 75           | 75             |
|                                                                                                                                            | FPEHDRESS316TD/090  | 90           | 90             |
|                                                                                                                                            | FPEHDRESS316TD/110  | 110          | 90             |
|                                                                                                                                            | FPEHDRESS316TD/125  | 125          | 90             |
|                                                                                                                                            | *FPEHDRESS316TD/140 | 140          | 90             |
|                                                                                                                                            | FPEHDRESS316TD/160  | 160          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/180  | 180          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/200  | 200          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/225  | 225          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/250  | 250          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/280  | 280          | 110            |
|                                                                                                                                            | FPEHDRESS316TD/315  | 315          | 130            |
|                                                                                                                                            | FPEHDRESS316TD/355  | 355          | 130            |
| <b>Dressing Set Galv Bolts Table D EPDM Gasket</b><br>  | FPEHDRESSGTD/063    | 63           | 75             |
|                                                                                                                                            | FPEHDRESSGTD/075    | 75           | 75             |
|                                                                                                                                            | FPEHDRESSGTD/090    | 90           | 90             |
|                                                                                                                                            | FPEHDRESSGTD/110    | 110          | 90             |
|                                                                                                                                            | FPEHDRESSGTD/125    | 125          | 90             |
|                                                                                                                                            | *FPEHDRESSGTD/140   | 140          | 90             |
|                                                                                                                                            | FPEHDRESSGTD/160    | 160          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/180    | 180          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/200    | 200          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/225    | 225          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/250    | 250          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/280    | 280          | 110            |
|                                                                                                                                            | FPEHDRESSGTD/315    | 315          | 130            |
|                                                                                                                                            | FPEHDRESSGTD/355    | 355          | 130            |

| GALVANISED BACKING RINGS FOR PE                                                                                                                                                                                                 |               |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
|                                                                                                                                                                                                                                 | Code          | Size (OD) mm |
| <b>Galvanised Backing Ring for PE 4087 PN16 Drilling</b><br>  | FPEBRGTD/032  | 32           |
|                                                                                                                                                                                                                                 | FPEBRGTD/040  | 40           |
|                                                                                                                                                                                                                                 | FPEBRGTD/050  | 50           |
|                                                                                                                                                                                                                                 | FPEBRGTD/063  | 63           |
|                                                                                                                                                                                                                                 | FPEBRGTD/075  | 75           |
|                                                                                                                                                                                                                                 | FPEBRGTD/090  | 90           |
|                                                                                                                                                                                                                                 | FPEBRGTD/110  | 110          |
|                                                                                                                                                                                                                                 | FPEBRGTD/125  | 125          |
|                                                                                                                                                                                                                                 | FPEBRGTD/140  | 140          |
|                                                                                                                                                                                                                                 | FPEBRGTD/160  | 160          |
|                                                                                                                                                                                                                                 | FPEBRGTD/180  | 180          |
|                                                                                                                                                                                                                                 | FPEBRGTD/200  | 200          |
|                                                                                                                                                                                                                                 | FPEBRGTD/225  | 225          |
|                                                                                                                                                                                                                                 | FPEBRGTD/250  | 250          |
|                                                                                                                                                                                                                                 | FPEBRGTD/280  | 280          |
|                                                                                                                                                                                                                                 | FPEBRGTD/315  | 315          |
|                                                                                                                                                                                                                                 | FPEBRGTD/355  | 355          |
|                                                                                                                                                                                                                                 | FPEBRGTD/400  | 400          |
|                                                                                                                                                                                                                                 | FPEBRGTD/450  | 450          |
|                                                                                                                                                                                                                                 | FPEBRGTD/500  | 500          |
|                                                                                                                                                                                                                                 | FPEBRGTD/560  | 560          |
|                                                                                                                                                                                                                                 | FPEBRGTD/630  | 630          |
|                                                                                                                                                                                                                                 | FPEBRGTD/710  | 710          |
|                                                                                                                                                                                                                                 | FPEBRGTD/800  | 800          |
|                                                                                                                                                                                                                                 | FPEBRGTD/900  | 900          |
|                                                                                                                                                                                                                                 | FPEBRGTD/1000 | 1000         |
|                                                                                                                                                                                                                                 | FPEBRGTD/1200 | 1200         |
| <b>Galvanised Backing Ring for PE Table E Drilling</b><br>                                                                                   | FPEBRGTE/160  | 160          |
|                                                                                                                                                                                                                                 | FPEBRGTE/180  | 180          |
|                                                                                                                                                                                                                                 | FPEBRGTE/200  | 200          |
|                                                                                                                                                                                                                                 | FPEBRGTE/225  | 225          |
|                                                                                                                                                                                                                                 | FPEBRGTE/250  | 250          |
|                                                                                                                                                                                                                                 | FPEBRGTE/280  | 280          |
|                                                                                                                                                                                                                                 | FPEBRGTE/315  | 315          |
|                                                                                                                                                                                                                                 | FPEBRGTE/450  | 450          |

| SS BACKING RINGS FOR PE                                                                                                                     |               |              |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
|                                                                                                                                             | Code          | Size (OD) mm |
| <b>SS 316 Backing Ring for PE 4087 PN16 Drilling</b><br> | FPEBRSSTD/090 | 90           |
|                                                                                                                                             | FPEBRSSTD/110 | 110          |
|                                                                                                                                             | FPEBRSSTD/125 | 125          |
|                                                                                                                                             | FPEBRSSTD/160 | 160          |
|                                                                                                                                             | FPEBRSSTD/180 | 180          |
|                                                                                                                                             | FPEBRSSTD/225 | 225          |
|                                                                                                                                             | FPEBRSSTD/250 | 250          |
|                                                                                                                                             | FPEBRSSTD/315 | 315          |
|                                                                                                                                             | FPEBRSSTD/355 | 355          |
|                                                                                                                                             | FPEBRSSTD/400 | 400          |
|                                                                                                                                             | FPEBRSSTD/450 | 450          |
|                                                                                                                                             | FPEBRSSTD/500 | 500          |
|                                                                                                                                             | FPEBRSSTD/630 | 630          |
|                                                                                                                                             | FPEBRSSTD/800 | 800          |
| <b>SS 316 Backing Ring for PE Table E Drilling</b><br>   | FPEBRSSTE/160 | 160          |
|                                                                                                                                             | FPEBRSSTE/280 | 280          |
|                                                                                                                                             | FPEBRSSTE/450 | 450          |
|                                                                                                                                             | FPEBRSSTE/560 | 560          |