

# PVC-U INDUSTRIAL

## +GF+ METRIC PIPING SYSTEMS INCL THE PRO-FIT FAMILY

The +GF+ Metric PVC-U system is designed for industrial applications and is commonly used to convey chemicals, aggressive media and water. This European product range is produced from high quality raw materials specifically for demanding applications and for compatibility with the +GF+ range of industrial valving.

### Applications

- Water treatment
- Thermal baths and swimming pools
- Surfactant based central foaming systems
- Waste water treatment
- Sewage treatment plants
- Cooling water
- Drinking water treatment
- Food and beverage industries

### Chemical Resistance

PVC-U has excellent chemical resistance against aqueous saline solutions, acids, alkalines, fuels and oils. Please contact our sales team for full details of chemical resistance.


### Related Documents

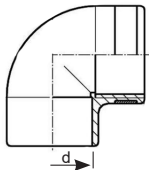
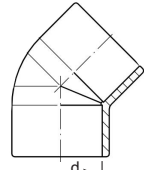
- Pipe Clips, Backing Rings and Dressing Sets List

## PRO-FIT SYSTEM

The PRO-FIT system offers installation advantages in both time and space savings. Six innovative spigot-socket fitting shapes provide the following benefits:

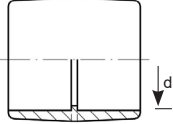
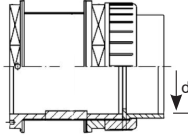
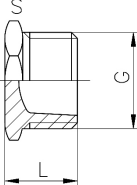
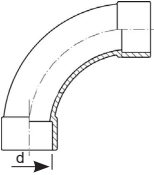
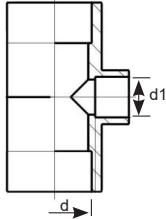
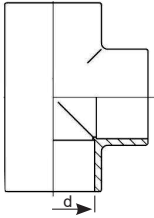
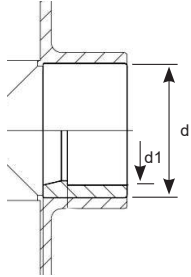
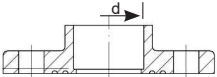
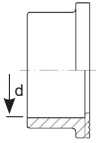
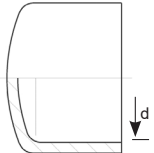
- Integrated cementing length and insertion depth marking makes handling faster, safer and easier.
- Direct jointing of fitting to fitting without extra pipe sections means less joints, quicker installations and space savings of up to 20%
- Dry assembly gives the ability to set up the installation before final cementing is carried out.
- 45° angles marked on both end face and socket and spigot branches means easy alignment and accurate angles.

<b>+GF+ METRIC PVC-U PIPING PN16</b>			
	Code	Size OD (mm)	Min Wall Thickness (mm)
 <p>5 metre lengths</p>	161017104	12	1
	161017105	16	1.2
	161017106	20	1.5
	161017107	25	1.9
	161017108	32	2.4
	161017109	40	3
	161017110	50	3.7
	161017111	63	4.7
	161017112	75	5.6
	161017113	90	6.7
	161017114	110	8.2
	161017115	125	9.3
	161017116	140	10.4
	161017117	160	11.9

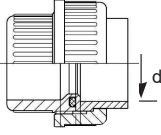

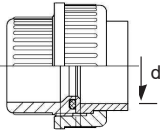
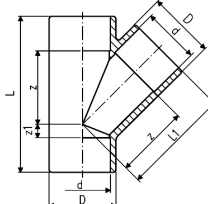
<b>+GF+ METRIC PVC-U FITTINGS</b>					
	Code	Size d		Code	Size d
 <p>PN16</p>	721100104	12	 <p>PN16</p>	721150105	16
	721100105	16		721150106	20
	721100106	20		721150107	25
	721100107	25		721150108	32
	721100108	32		721150109	40
	721100109	40		721150110	50
	721100110	50		721150111	63
	721100111	63		721150112	75
	721100112	75		721150113	90
	721100113	90		721150114	110
	721100114	110			

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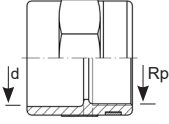
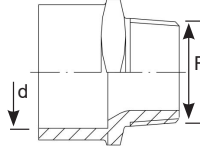
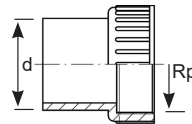
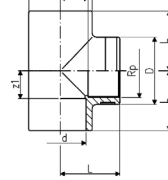
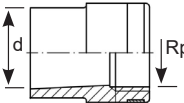
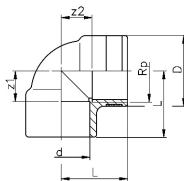
+GF+ METRIC PIPING SYSTEMS INCL THE PRO-FIT FAMILY

+GF+ METRIC PVC-U FITTINGS									
	Code	Size d		Code	Size d				
<b>Socket</b>    PN16	721910105	16		<b>Tank Adaptor with Union EPDM</b>    <b>PVC PN10 Plug Taper</b>  	161050245	16			
	721910106	20			161050246	20			
	721910107	25			161050247	25			
	721910108	32			161050248	32			
	721910109	40			161050249	40			
	721910110	50			161050250	50			
	721910111	63			161050251	63			
	721910112	75							
	721910113	90							
	721910114	110							
	721000107	25							
	721000108	32							
	721000109	40							
721000110	50								
721000111	63								
721000112	75								
721000113	90								
<b>Bend 90°</b>    PN16	721200105	16		<b>Tee 90°, Reducing</b>    PN16					
	721200106	20			721200134	25	20		
	721200107	25			721200141	32	20		
	721200108	32			721200138	32	25		
	721200109	40			721200155	40	20		
	721200110	50			721200151	40	25		
	721200111	63			721200147	40	32		
	721200112	75			721200009	50	20		
	721200113	90			721200010	50	25		
	721200114	110			721200164	50	32		
					721200161	50	40		
					721200011	63	25		
					721200178	63	32		
		721200174	63	40					
		721200170	63	50					
		721200181	75	32					
<b>Tee 90°</b>    PN16	721740106	20		<b>Reducing Bush, Short</b>    PN16					
	721740107	25			721900331	16	12		
	721740108	32			721900334	20	16		
	721740109	40			721900337	25	20		
	721740110	50			721900342	32	20		
	721740111	63			721900341	32	25		
	721740112	75			721900348	40	20		
	721740113	90			721900347	40	25		
	721740114	110			721900346	40	32		
					721900355	50	20		
					721900354	50	25		
					721900353	50	32		
					721900352	50	40		
		721900360	63	32					
		721900359	63	40					
		721900358	63	50					
		721900365	75	50					
		721900364	75	63					
		721900372	90	50					
		721900371	90	63					
		721900370	90	75					
		721900379	110	50					
		721900378	110	63					
		721900377	110	75					
		721900376	110	90					
<b>Full Face Flange ISO/DIN Bolt Pattern</b>    PN10/PN16	721800106	20							
	721800107	25							
	721800108	32							
	721800109	40							
	721800110	50							
	721790111	63							
	721790112	75							
	721790113	90							
	721790114	110							
	<b>Stub Flange</b>    PN16	721960104			12				
		721960105			16				
		721960106			20				
		721960107			25				
721960108		32							
721960109		40							
721960110		50							
721960111		63							
721960112		75							
721960113		90							
721960114		110							
<b>End Cap</b>    PN16									

### +GF+ METRIC PVC-U FITTINGS

	Code	Size d		Code	Size (OD)
<b>Socket Unions EPDM</b>   ≤63mm = PN16 ≥75mm = PN10	721510105	16		<b>PVC Spigot Hosetail Parallel Hose Barb</b>   721960404 12 721960405 16 721960406 20 721960407 25 721960408 32 721960409 40 721960410 50 721960411 63	
	721510106	20			
	721510107	25			
	721510108	32			
	721510109	40			
	721510110	50			
	721510111	63			
	721510112	75			
	721510313	90			
	721510114	110			
<b>Socket Unions FPM</b>   ≤63mm = PN16 ≥75mm = PN10	721510128	10		<b>PVC PN10 WYE</b>   721250105 16 721250107 25 721250108 32 721250109 40 721250110 50 721250111 63 721250112 75	
	721510129	12			
	721510130	16			
	721510131	20			
	721510132	25			
	721510133	32			
	721510134	40			
	721510135	50			
	721510136	63			
	721510137	75			
721510138	90				
721510139	110				

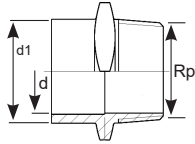
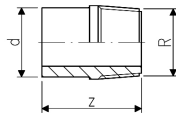
### ABS METRIC ACCESSORIES

	Code	Size			Code	Size	
		d	Rp			d	R
<b>Adaptor Socket</b>   ≤63mm = PN16 ≥75mm = PN10	VADPTSOPT/010	16	3/8"		<b>Male Adaptor PN16</b>   721910705 16 3/8" 721910706 20 1/2" 721910707 25 3/4" 721910708 32 1" 721910709 40 1 1/4" 721910710 50 1 1/2" 721910711 63 2" 721910712 75 2 1/2" 721910713 90 3" 721910714 110 4"		
	VADPTSOPT/015	20	1/2"				
	VADPTSOPT/020	25	3/4"				
	VADPTSOPT/025	32	1"				
	VADPTSOPT/032	40	1 1/4"				
	VADPTSOPT/040	50	1 1/2"				
	VADPTSOPT/050	63	2"				
	VADPTSOPT/065	75	2 1/2"				
	VADPTSOPT/080	90	3"				
	VADPTSOPT/100	110	4"				
<b>Female Adaptor</b>   PN10	721900406	20	1/2"		<b>PVC PN16 Tee Plain/Threaded</b>   721200205 16 3/8" 721200206 20 1/2" 721200207 25 3/4" 721200208 32 1" 721200209 40 1 1/4" 721200210 50 1 1/2" 721200211 63 2"		
	721900407	25	3/4"				
	721900408	32	1"				
	721900409	40	1 1/4"				
	721900410	50	1 1/2"				
	721900411	63	2"				
<b>Reducing Bush Plain/Threaded</b>   PN16	721910404	12	1/4"		<b>PVC Elbow 90° Plain/Threaded</b>   721100205 16 3/8" 721100206 20 1/2" 721100207 25 3/4" 721100208 32 1" 721100209 40 1 1/4" 721100210 50 1 1/2"		
	721910434	20	3/8"				
	721910437	25	1/2"				
	721910441	32	3/4"				
	721910446	40	1"				
	721910452	50	1 1/4"				

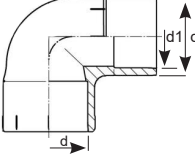
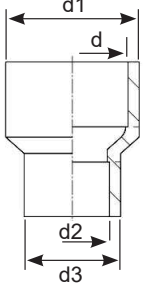
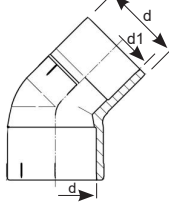
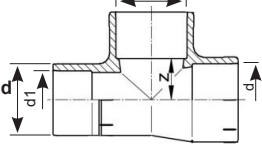
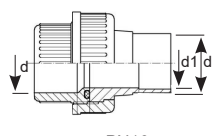
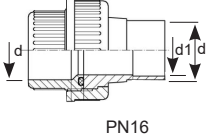
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+GF+ METRIC PIPING SYSTEMS INCL THE PRO-FIT FAMILY

### ABS METRIC ACCESSORIES

	Code	Size				Code	Size	
		d	d1	Rp			d	R
<b>Adaptor Socket-Nipple</b>  PN16	721910555	12	16	3/8"	<b>PVC PN10 Adaptor Nipple</b> 	721913505	16	3/8"
	721910556	16	20	1/2"		721913506	20	1/2"
	721910557	20	25	3/4"		721913507	25	3/4"
	721910558	25	32	1"		721913508	32	1"
	721910559	32	40	1 1/4"				
	721910560	40	50	1 1/2"				
	721910561	50	63	2"				

### +GF+ PRO-FIT SYSTEM

	Code	Size			Code	Size			
		d	d1			d	d1	d2	d3
<b>Elbow 90°</b>  PN16	721100306	20	16	<b>Reducing Bush, Long</b>  PN16	721910903	8	12	10	-
	721100307	25	20		721910905	12	16	8	12
	721100308	32	25		721910906	12	16	10	16
	721100309	40	32		721910908	16	20	10	16
	721100310	50	40		721910909	16	20	12	16
	721100311	63	50		721910910	20	25	12	16
<b>Elbow 45°</b>  PN16	721150306	20	16	721910911	20	25	16	20	
	721150307	25	20	721910912	25	32	12	16	
	721150308	32	25	721910913	25	32	16	20	
	721150309	40	32	721910914	25	32	20	25	
	721150310	50	40	721910915	32	40	16	20	
	721150311	63	50	721910916	32	40	20	25	
<b>Tee 90°</b>  PN16	721200306	20	16	721910917	32	40	25	32	
	721200307	25	20	721910918	40	50	20	25	
	721200308	32	25	721910919	40	50	25	32	
	721200309	40	32	721910920	40	50	32	40	
	721200310	50	40	721910921	50	63	25	32	
	721200311	63	50	721910922	50	63	32	40	
<b>Unions, EPDM</b>  PN16	721510305	16	12	721910923	50	63	40	50	
	721510306	20	16	721910924	63	75	32	40	
	721510307	25	20	721910925	63	75	40	50	
	721510308	32	25	721910926	63	75	50	63	
	721510309	40	32	721910927	75	90	40	50	
	721510310	50	63	721910928	75	90	50	63	
<b>Unions, FPM</b>  PN16	721510311	63	50	721910929	75	90	63	75	
	721510330	16	12						
	721510331	20	16						
	721510332	25	20						
	721510333	32	25						
	721510334	40	32						
	721510335	50	63						
	721510336	63	50						

### METRIC PIPE CLIPS

	Code	Size (OD)
<b>PP GF061H Pipe Clip ISO/DIN 546</b> 	167061035	16mm
	167061036	20mm
	167061037	25mm
	167061038	32mm
	167061039	40mm
	167061040	50mm
	167061041	63mm
	167061012	75mm
	167061013	90mm
	167061014	110mm

Refer to Backing Rings and Dressing Sets  
 PP Backing Rings for Chemical Applications  
 PP Pipe Clips  
 ISO/DIN 546