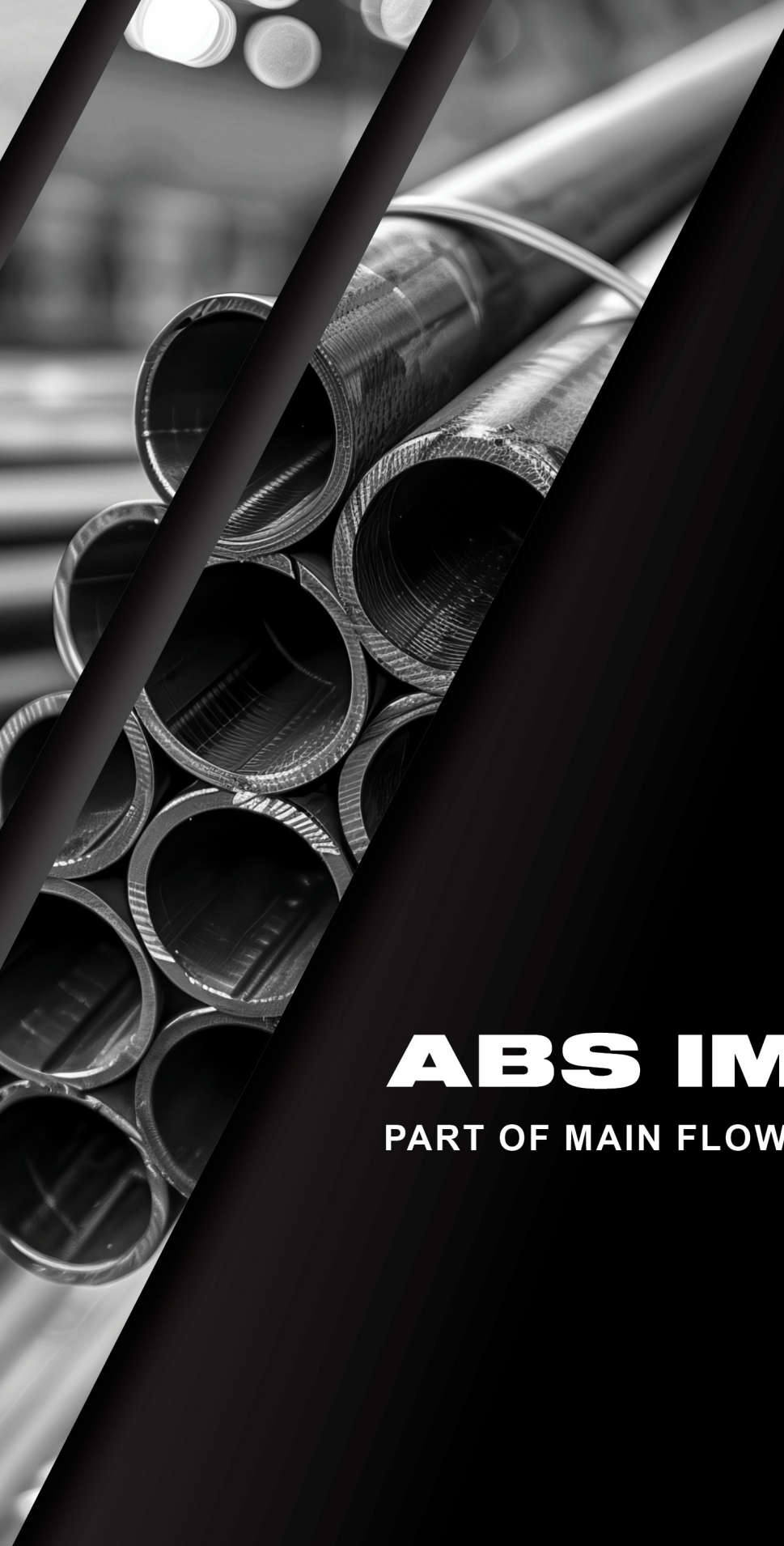




ABS IMPERIAL

PART OF MAIN FLOW CONTROL CATALOGUE



ASMUSS
STEEL & FLOW CONTROL

THE SMARTER CHOICE.

IMPERIAL ABS

THEMOPLASTIC PIPEWORK SYSTEMS

ABS (Acrylonitrile Butadiene Styrene) pipework has been formulated to optimise performance in respect of tensile strength and ductility. The benefits of ABS piping systems, can make it the first choice for some demanding fluid handling applications.

Benefits

Impact Strength: Maintains excellent impact resistance down to -40°C.

Tough: Ductile material with excellent resistance against fatigue, notching effects and crack growth.

Abrasion Resistance: Excellent wear properties for a wide range of slurries

Light Weight: Approximately 1/6th the weight of the equivalent steel pipes allowing for a quick and simple installation.

Environmental Advantage: ABS is Lead and Chlorine Free and is easily recycled.

Exceptionally Smooth Bore: Low friction allows high flow velocities and inhibits the formation of scale.

Weather Resistance: Does not corrode in weather and is resistant to sunlight so does not always require painting or wrapping.

Applications

Mechanical Services: Condensor Lines, Chilled Water Lines, Cooling Tower Pipework, Potable Water, Sewer Vent and Waste, Swimming Pools, Water Features.

Mining and Mineral Processing: Slurry Lines, Borefields, Electrolyte, Process Water, Chemical Handling.

Water and Wastewater Infrastructure: Water and Wastewater Treatment, Process Lines, Grit lines, Aeration Tanks, Borefields and Irrigation Schemes, Trunk Mains, Treated Effluent Re-Use, Potable Water Distribution, Rising Mains, Sewerage Treatment

Industrial and Power Generation: Process Water, Cooling Water, Demineralised Water, Ash Slurry Disposal.

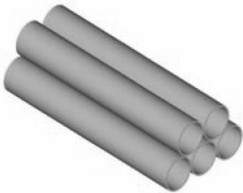
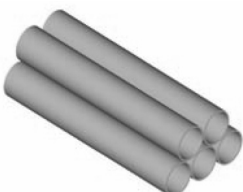
Infrastructure: Potable Water Distribution, Property Services, Buried Fire mains, Rising Mains.

Please refer to technical notes for insulation materials, the use of thread seal compounds and other installation requirements.

The ABS Pipe System

Asmuss offer ABS pipe in 6, 9, 12 and 15 bar pressure rating, although offerings are limited in some sizes. Fittings are designed to be used with all classes and pressures of pipe and are joined using a solvent cement technique. Threaded, flanged and shouldered end connections are also available when joining to different pipe materials, pumps or valves.

For installation or technical queries on ABS please contact our sales team.

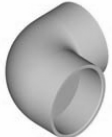
ABS PIPE					
	Code	NB (mm)		Code	NB (mm)
Class C, PN9 Pipe  6m lengths	PABSC/025	25	PN10 Pipe  5m lengths	PABS10/065	65
	PABSC/032	32			
	PABSC/040	40			
	PABSC/050	50			
	PABSC/080	80			
	PABSC/100	100			
	PABSC/150	150			
	PABSC/200	200			
	PABSC/225	225			
	PABSC/300	300			
	PABSC/350	350			
	PABSC/375	375			
Class D, PN12 Pipe  6m lengths	PABSD/050	50	Class E, PN15 Pipe  6m lengths	PABSE/015	15
	PABSD/065	65		PABSE/020	20
	PABSD/080	80		PABSE/025	25
	PABSD/100	100		PABSE/032	32
	PABSD/150	150		PABSE/040	40
				PABSE/050	50
				PABSE/065	65
				PABSE/080	80
				PABSE/100	100
				PABSE/125	125
				PABSE/150	150
				PABSE/200	200
				PABSE/225	225
				PABSE/300	300

Note: PN Ratings for fittings vary, however the majority of fittings larger than 150mm are rated from PN12-PN9. Please contact our sales team if you need clarification.

IMPERIAL ABS

THEMOPLASTIC PIPEWORK SYSTEMS

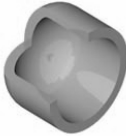
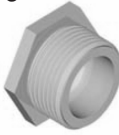
ABS PRESSURE PIPE FITTINGS

	FABS Code	NB (mm)		FABS Code	NB (mm)
Tee 	TEE/015	15	Bend 90°, Socket End 	BE90M/015	15
	TEE/020	20		BE90M/020	20
	TEE/025	25		BE90M/025	25
	TEE/032	32		BE90M/032	32
	TEE/040	40		BE90M/040	40
	TEE/050	50		BE90M/050	50
	TEE/065	65		BE90M/065	65
	TEE/080	80		BE90M/080	80
	TEE/100	100		BE90M/100	100
	TEE/125	125	Reducing Socket 	RSO/020x015	20x15
	TEE/150	150		RSO/025x020	25x20
	TEE/200	200		RSO/032x025	32x25
	TEE/225	225		RSO/040x025	40x25
	TEE/250	250		RSO/050x040	50x40
	TEE/300	300		RSO/080x050	80x50
	TEE/315	315		RSO/100x080	100x80
	TEE/350	350	Reducing Bush Plain 	RSO/150x100	150x100
Elbow 90° 	TEE/375	375		RSO/200x150	200x150
	EL90/015	15		RBP/020x015	20x15
	EL90/020	20		RBP/025x015	25x15
	EL90/025	25		RBP/025x020	25x20
	EL90/032	32		RBP/032x015	32x15
	EL90/040	40		RBP/032x020	32x20
	EL90/050	50		RBP/032x025	32x25
	EL90/065	65		RBP/040x015	40x15
	EL90/080	80		RBP/040x020	40x20
	EL90/100	100		RBP/040x025	40x25
	EL90/125	125		RBP/040x032	40x32
	EL90/150	150		RBP/050x025	50x25
	EL90/200	200		RBP/050x032	50x32
	EL90/225	225		RBP/050x040	50x40
	EL90/300	300		RBP/065x050	65x50
	EL90/350	350		RBP/080x040	80x40
Elbow 45° 	EL90/375	375		RBP/080x050	80x50
	EL45/015	15		RBP/080x065	80x65
	EL45/020	20		RBP/100x050	100x50
	EL45/025	25		RBP/100x080	100x80
	EL45/032	32		RBP/125x100	125x100
	EL45/040	40		RBP/150x100	150x100
	EL45/050	50		RBP/150x125	150x125
	EL45/065	65		RBP/200x150	200x150
	EL45/080	80		RBP/225x200	225x200
	EL45/100	100		RBP/300x225	300x225
	EL45/125	125		RBP/350x300	350x300
	EL45/150	150		RBP/375x350	375x350
	EL45/200	200	Socket Plain/Threaded 	SOPT/015	15x½"
	EL45/225	225		SOPT/020	20x¾"
	EL45/300	300		SOPT/025	25x1"
	EL45/350	350		SOPT/032	32x1¼"
	EL45/375	375		SOPT/040	40x1½"
				SOPT/050	50x2"
Elbow 90° Plain/Threaded 	EL90PT/015	15x½"	Socket Plain/Threaded with SS Band 	SOPTSB/015	15x½"
	EL90PT/020	20x¾"		SOPTSB/020	20x¾"
	EL90PT/025	25x1"		SOPTSB/025	25x1"
				SOPTSB/032	32x1¼"
				SOPTSB/040	40x1½"
				SOPTSB/050	50x2"

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ABS PRESSURE PIPE FITTINGS

	FABS Code	NB (mm)		FABS Code	NB (mm)
Socket Plain 	SOP/015	15	Cap, Plain 	CAPPL/015	15
	SOP/020	20		CAPPL/020	20
	SOP/025	25		CAPPL/025	25
	SOP/032	32		CAPPL/032	32
	SOP/040	40		CAPPL/040	40
	SOP/050	50		CAPPL/050	50
	SOP/065	65		CAPPL/065	65
	SOP/080	80		CAPPL/080	80
	SOP/100	100		CAPPL/100	100
	SOP/125	125		CAPPL/150	150
	SOP/150	150	Plug 	PLUG/015	15
	SOP/200	200		PLUG/020	20
	SOP/225	225		PLUG/025	25
	SOP/250	250		PLUG/032	32
	SOP/300	300		PLUG/040	40
	SOP/350	350		PLUG/050	50
	SOP/375	375	Socket Union  EPDM O/Ring	SOUN/015	15
Wye Piece Female 	WYE/015	15		SOUN/020	20
	WYE/020	20		SOUN/025	25
	WYE/025	25		SOUN/032	32
	WYE/032	32		SOUN/040	40
	WYE/040	40		SOUN/050	50
	WYE/050	50		SOUN/065	65
	WYE/065	65		SOUN/080	80
Male Composite Union 	MCU/015	15x½"		SOUN/100	100
	MCU/020	20x¾"	Hexagon Nipple, Plain/ Threaded 	NIPT/015	15x½"
	MCU/025	25x1"		NIPT/020	20x¾"
	MCU/032	32x1¼"		NIPT/025	25x1"
	MCU/040	40x1½"		NIPT/032	32x1¼"
	MCU/050	50x2"		NIPT/040	40x1½"
Female Composite Union 	FCU/015	15x½"	Hexagon Nipple, Threaded 	NIPT/050	50x2"
	FCU/020	20x¾"		NITHD/015	½"x½"
	FCU/025	25x1"		NITHD/020	¾"x¾"
	FCU/032	32x1¼"		NITHD/025	1"x1"
	FCU/040	40x1½"		NITHD/032	1¼"x1¼"
	FCU/050	50x2"		NITHD/040	1½"x1½"
Female Adaptor 	FMADPT/015	15x½"	Barrel Nipple 	NITHD/050	2"x2"
	FMADPT/020	20x¾"			
	FMADPT/025	25x1"	Hose Tails & Barbs 	BNIPT/080	80
	FMADPT/032	32x1¼"		BNIPT/100	100
	FMADPT/040	40x1½"			
	FMADPT/050	50x2"	Stub Flange 	HOADPT/015	15
Male Adaptor 	MADPT/015	15x½"		HOADPT/020	20
	MADPT/020	20x¾"		HOADPT/025	25
	MADPT/025	25x1"			
	MADPT/032	32x1¼"		FLSTUB/050	50
	MADPT/040	40x1½"		FLSTUB/065	65
	MADPT/050	50x2"		FLSTUB/080	80
	MADPT/080	80x3"		FLSTUB/100	100
	MADPT/100	100x4"		FLSTUB/125	125
				FLSTUB/150	150
				FLSTUB/200	200
				FLSTUB/225	225
				FLSTUB/300	300
				FLSTUB/350	350
				FLSTUB/375	375

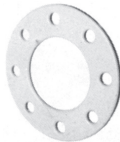
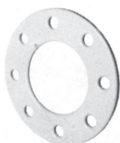
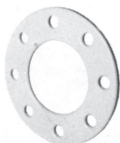
IMPERIAL ABS

THEMOPLASTIC PIPEWORK SYSTEMS

ABS PRESSURE PIPE FITTINGS

	FABS Code	NB (mm)		FABS Code	NB (mm)		
Full Face Flange Undrilled 	FLFFUD/015	15	Full Face Flange Drilled ANSI 150 	FLFF150/015	15		
	FLFFUD/020	20		FLFF150/020	20		
	FLFFUD/025	25		FLFF150/025	25		
	FLFFUD/032	32		FLFF150/032	32		
	FLFFUD/040	40		FLFF150/040	40		
	FLFFUD/050	50		FLFF150/050	50		
	FLFFUD/080	80		FLFF150/080	80		
	FLFFUD/100	100		FLFF150/100	100		
	FLFFUD/150	150		FLFF150/150	150		
Full Face Flange Drilled Table D/E 	FLFFTE/015	15	ABS ACCESSORIES				
	FLFFTE/020	20					
	FLFFTE/025	25					
	FLFFTE/032	32					
	FLFFTE/040	40					
	FLFFTE/050	50	ABS Solvent Cement 				
	FLFFTE/080	80					
	FLFFTE/100	100					
	FLFFTE/150	150					

ABS PRESSURE BACKING RINGS

	FABS Code	NB (mm)
Galv Backing Ring, Table E 	BRGTE/050	50
	BRGTE/065	65
	BRGTE/080	80
	BRGTE/100	100
	BRGTE/125	125
	BRGTE/150	150
	BRGTE/200	200
	BRGTE/300	300
Galv Backing Ring, ANSI 150 	BRG150/050	50
	BRG150/065	65
	BRG150/080	80
	BRG150/100	100
	BRG150/150	150
	BRG150/200	200
Galv Backing Ring, BS4504 PN16 	BRG4504/050	50
	BRG4504/065	65
	BRG4504/080	80
	BRG4504/100	100
	BRG4504/150	150
	BRG4504/200	200
SS 316 Backing Ring, Table E 	BRSSSTE/050	50
	BRSSSTE/080	80
	BRSSSTE/100	100
	BRSSSTE/150	150



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