


## +GF+ PVDF Polyvinylidene fluoride Piping System

The +GF+ PVDF piping system is renowned for its outstanding mechanical, physical and chemical characteristics and its ability to withstand a very wide temperature range from -20°C to 140°C.

Polyvinylidene fluoride belongs to the class of fluorine polymers, that include polytetrafluoro ethylene (PTFE). PTFE is characterized by extreme temperature resistance and the best chemical resistance of all plastics. Unfortunately it is not workable on a thermoplastic basis, which provides limited use as a piping system. In comparison PVDF combines the advantage of good workability in thermoplastic piping systems, while retaining the various advantages of PTFE. The Fluorine content of PVDF is 59%





This high end piping system is ideally suited for the delivery of pharmaceutical grade purified water (PW) and DI water, using hot water, steam chemical or ozone sanitisation. Due to its excellent chemical resistance it is widely used in chemical distribution systems.

### PVDF PN16\* PIPE

	CODE:	Size (OD)	Wall Thickness	Price (Per Metre)
 <p>Pipe, PN16*</p>	PPVDF/016	16mm	1.9mm	
	PPVDF/020	20mm	1.9mm	
	PPVDF/025	25mm	1.9mm	
	PPVDF/032	32mm	2.4mm	
	PPVDF/040	40mm	2.4mm	
	PPVDF/050	50mm	3.0mm	
	PPVDF/063	63mm	3.0mm	
	PPVDF/075	75mm	4.3mm	
	PPVDF/090	90mm	4.3mm	
	PPVDF/110	110mm	5.3mm	

Supplied in 5 metre lengths







### PVDF PN16\* INFRA RED (IR) WELDED FITTINGS

	CODE:	SIZE (OD) mm	PRICE		CODE:	SIZE (OD) mm	PRICE
 <p>90° Bend</p>	735018706	20		 <p>45° Elbow</p>	735158606	20	
	735018707	25			735158607	25	
	735018708	32			735158608	32	
	735018709	40			735158609	40	
	735018710	50			735158610	50	
	735018711	63			735158611	63	
	735018712	75			735158612	75	
	735018713	90			735158613	90	
	735018714	110			735158614	110	
 <p>90° Elbow</p>	735108606	20		 <p>Equal Tee</p>	735208606	20	
	735108607	25			735208607	25	
	735108608	32			735208608	32	
	735108609	40			735208609	40	
	735108610	50			735208610	50	
	735108611	63			735208611	63	

\* based on water @ 20°C

PRICES INDICATED DO NOT INCLUDE GST

**PVDF PN16\* INFRA RED (IR) WELDED FITTINGS CONT...**

	CODE:	SIZE (OD) mm	PRICE		CODE:	SIZE (OD) mm	PRICE
<b>Socket Union FPM</b>  	735528606	20		<b>Reducer</b>  	735908637	25x20	
	735528607	25			735908642	32x20	
	735528608	32			735908641	32x25	
	735528609	40			735908646	40x32	
	735528610	50			735908654	50x25	
	735528611	63			735908653	50x32	
	735528612	75			735908660	63x32	
	735528613	90			735908658	63x50	
	735528614	110			735908664	75x63	
	735908671	90x63			735908678	110x63	
<b>Stub Flange DIN</b>  	735798806	20		<b>Female Adaptor Fitting BSP</b>  	735910285	20x $\frac{3}{8}$ "	
	735798807	25			735910286	20x $\frac{1}{2}$ "	
	735798808	32			735910287	25x $\frac{3}{4}$ "	
	735798809	40			735910288	32x1"	
	735798810	50			735910289	40x1 $\frac{1}{4}$ "	
	735798811	63			735910290	50x1 $\frac{1}{2}$ "	
	735798812	75			735910291	63x2"	
	735798813	90					
	735798814	110					
	<b>Stub Flange ANSI</b>  	735798857	25			<b>Male Adaptor Fitting BSP</b>  	735910555
735798858		32		735910556	20x $\frac{1}{2}$ "		
735798859		40		735910557	25x $\frac{3}{4}$ "		
735798860		50		735910558	32x1"		
735798861		90		735910559	40x1 $\frac{1}{4}$ "		
				735910560	50x1 $\frac{1}{2}$ "		
			735910561	63x2"			

\* based on water @ 20°C

**SOCKET FUSION FITTINGS AVAILABLE ON REQUEST**