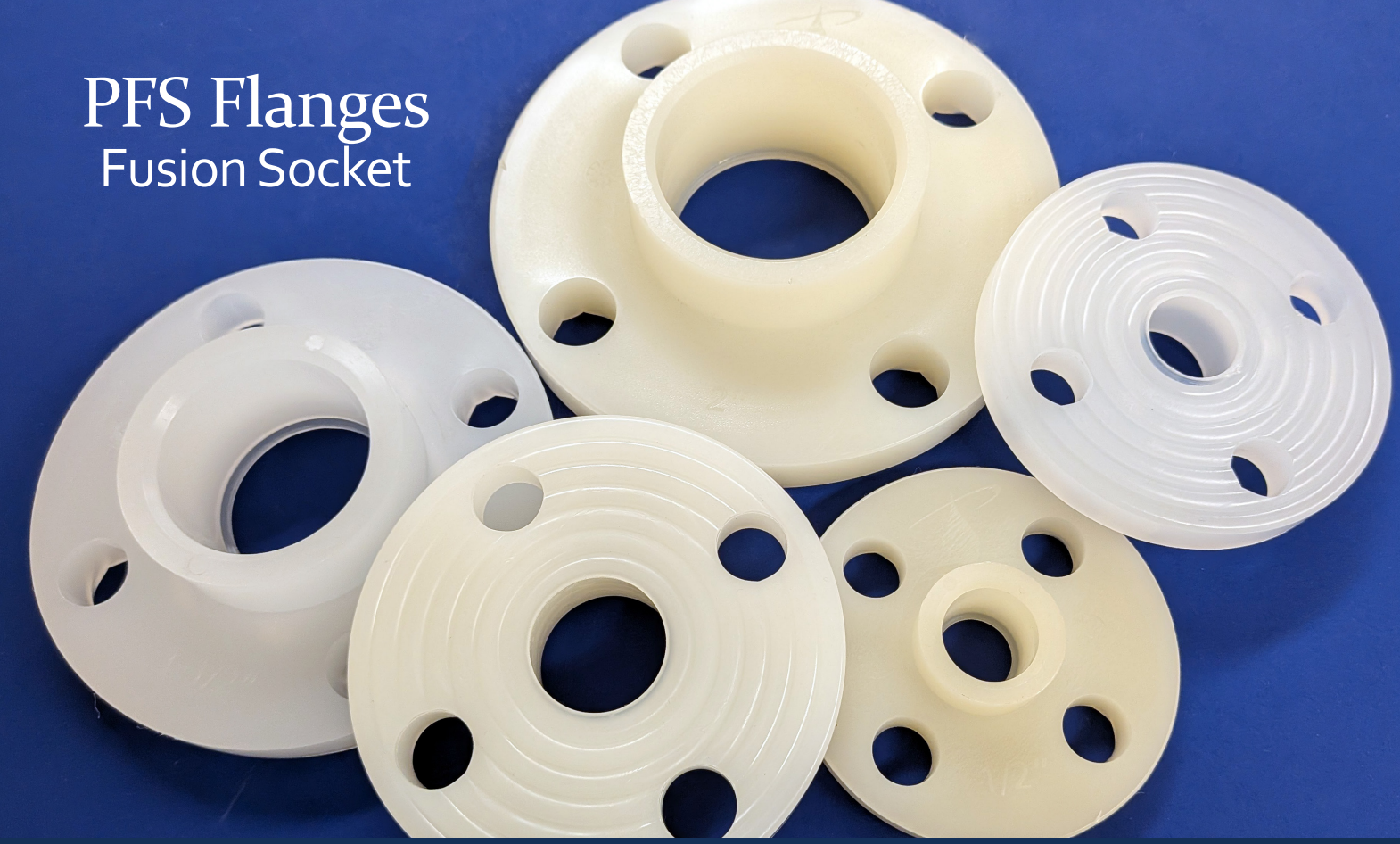
PFS Flanges
Fusion Socket



Primary Fluid Systems is proud to introduce its new product line: **FLGPP** and **FLGPVDF** series Fusion Socket Flanges.

Features

- Socket fusion connection
- Available in Polypropylene and PVDF (Kynar)
- Available in 1/2", 3/4", 1", 1-1/2" and 2" sizes
- Bolting pattern to ANSI B16.5
- ANSI Flat Face standard for thermoplastic flanges
- Maximum Pressure to 150 PSIG (10 bar) at 68°F (20°C)
- Single point of sealing between flange and pipe

Benefits

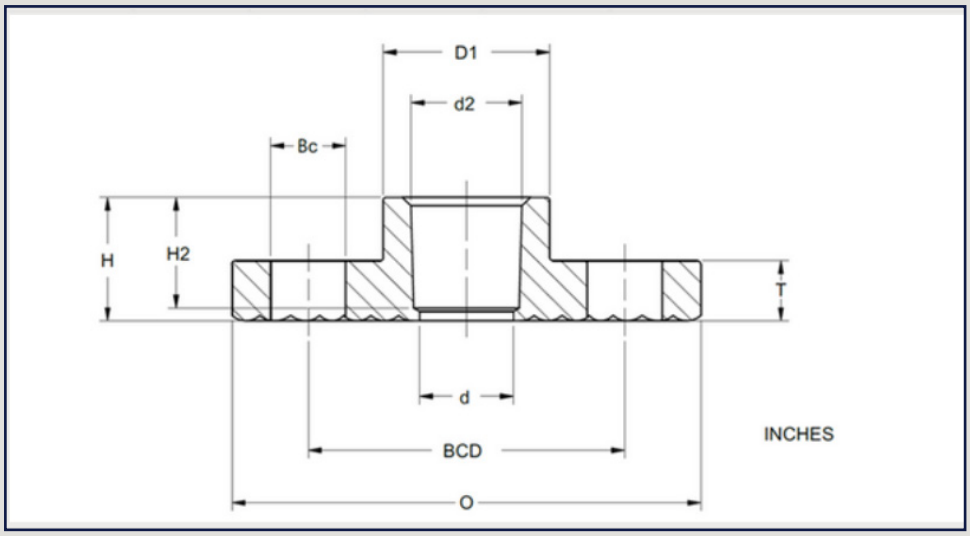
- Secure mechanical jointing through fusion welding
- Can be used in conjunction with ASTM S80 pipe for easy installation
- Easy to disassemble for maintenance or reconfiguring of the system

PFS Flanges

SPECIFICATIONS

Size (ANSI)	OD	Thickness	Height	Depth	Hub Dia.	Socket	Bore	Bolt circle	Hole Dia.	No. of Holes	Dia Bolts.
	O	T	H	H2	D1	d2	d	BCD	bc		
1/2”	3.50	0.450	0.920	0.820	1.240	0.813	0.710	2.375	0.625	4	1/2”
3/4”	3.875	0.510	1.030	0.920	1.500	1.019	0.870	2.750	0.625	4	1/2”
1”	4.250	0.573	1.160	1.070	1.800	1.278	1.160	3.125	0.625	4	1/2”
1-1/2”	5.000	0.640	1.420	1.310	2.470	1.863	1.700	3.875	0.625	4	1/2”
2”	6.000	0.700	1.560	1.490	2.970	2.334	2.190	4.750	0.750	4	5/8”

* All units in inches unless otherwise stated



Material specifications Polypropylene series FLGPP Flanges are manufactured to Schedule 80 wall thickness from virgin unpigmented Type I homopolymer polypropylene, meeting ASTM D4101, using no plasticizers or antioxidants. Flanges are to be joined by using the socket fusion method, conforming to ASTM 2657. All fittings test to 150 psi @ 73ºF.

Material specifications PVDF series FLGPVDF Flanges are manufactured to Schedule 80 wall thickness from virgin unpigmented PVDF (polyvinylidene fluoride) 720 resin meeting ASTM D3222. Flanges are to be joined by using the socket fusion method, conforming to ASTM 2657. All fittings test to 150 psi @73º F.

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