

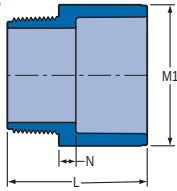
Low Extractable High Purity PVC System Technical Information

Technical Information & Dimensions



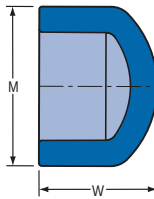
Fittings

Male Adapter Mipt x Socket



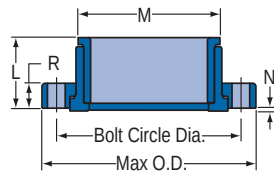
Part #	Size (in.)	L	M	N	Weight (lbs.)
836-005BL	1/2	1-13/16	1-3/16	3/16	.04
836-007BL	3/4	1-29/32	1-13/32	1/4	.06
836-010BL	1	2-1/4	1-3/4	7/32	.10
836-012BL	1-1/4	2-1/2	2-1/8	9/32	.15
836-015BL	1-1/2	2-9/16	2-13/32	1/4	.19
836-020BL	2	2-23/32	2-29/32	9/32	.27
836-030BL	3	3-23/32	4-7/32	3/8	.75
836-040BL	4	4-3/8	5-3/16	1/2	1.13

Cap Socket



Part #	Size (in.)	M	W	Weight (lbs.)
847-005BL	1/2	1-3/16	1-7/32	.03
847-007BL	3/4	1-3/8	1-13/32	.05
847-010BL	1	1-11/16	1-19/32	.08
847-012BL	1-1/4	2-3/32	1-27/32	.16
847-015BL	1-1/2	2-11/32	2	.16
847-020BL	2	2-27/32	2-9/32	.35
847-030BL	3	4-5/32	3-1/32	.84
847-040BL	4	5-7/32	3-9/16	1.43
847-060BL	6	7-1/2	4-7/8	3.17

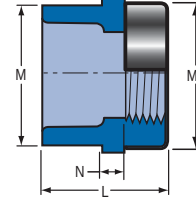
Flange Van Stone Style (Two Piece) Socket



Part #	Size (in.)	L	M	N	R	Bolt Circle Dia.	No. of Bolt Holes	Bolt Size	Max O.D.	Weight (lbs.)
854-005BL	1/2	1-1/32	1-7/32	5/32	17/32	2-3/8	4	1/2	3-1/2	.19
854-007BL	3/4	1-1/8	1-7/16	5/32	9/16	2-3/4	4	1/2	3-7/8	.26
854-010BL	1	1-9/32	1-3/4	5/32	5/8	3-1/8	4	1/2	4-1/4	.36
854-012BL	1-1/4	1-13/32	2-5/32	5/32	11/16	3-1/2	4	1/2	4-5/8	.46
854-015BL	1-1/2	1-17/32	2-7/16	3/16	3/4	3-7/8	4	1/2	5	.56
854-020BL	2	1-11/16	2-15/16	3/16	13/16	4-3/4	4	5/8	6	.85
854-030BL	3	2-1/8	4-1/4	1/4	1-1/16	6	4	5/8	7-1/2	1.66
854-040BL	4	2-1/2	5-1/4	1/4	1-1/8	7-1/2	8	5/8	9	2.68
854-060BL	6	3-3/8	7-9/16	7/16	1-9/32	9-1/2	8	3/4	11	4.54

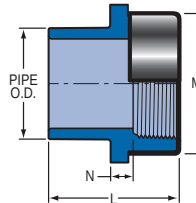
NOTE: Spears® low-extractable flanges maximum working pressure 150 psi non-shock @ 73° F

Special Reinforced Female Adapter Socket x SR Fipt



Part #	Size (in.)	L	M	M1	N	Weight (lbs.)
835-005SRBL	1/2	1-23/32	1-5/32	1-3/16	3/32	.06
835-007SRBL	3/4	1-7/8	1-13/32	1-3/8	1/8	.08
835-010SRBL	1	2-5/32	1-23/32	1-23/32	3/32	.12
835-012SRBL	1-1/4	2-5/16	2-1/8	2-1/16	3/16	.19
835-015SRBL	1-1/2	2-7/16	2-13/32	2-7/16	7/32	.26
835-020SRBL	2	2-11/16	3	3-3/32	9/32	.43
835-030SRBL	3	3-1/2	4-1/4	4-9/32	7/32	.89
835-040SRBL	4	3-31/32	5-7/32	5-7/32	1/4	1.29

Special Reinforced Reducing Female Adapter Spigot x SR Fipt



Part #	Size (in.)	L	M1	N	Weight (lbs.)
878-072SRBL	1/2 x 1/4	1-13/32	27/32	3/16	.03
878-098SRBL	3/4 x 1/4	1-27/32	27/32	9/32	.05
878-128SRBL	1 x 1/4	2-3/8	27/32	21/32	.08

Threaded Connections

Use only quality grade PTFE tape as a thread sealant for Spears® low-extractable applications. **Warning:** some pipe joint compounds or PTFE pastes may contain substances that could cause stress cracking to plastics and increase the potential for system contamination. 1 to 2 full turns beyond finger tight is generally all that is required to make a sound plastic threaded connection. Unnecessary over-tightening will cause damage to both pipe and fitting.

Flanges

Spears® low-extractable Van Stone-style flanges are also available for transition to alternate materials or where disassembly may be required. This unique two-piece design incorporates a rotating flange ring that greatly simplifies bolt hole alignment during installation.