

CHEMICAL COUPLINGS 25 SERIES

Featuring...
Snap-tite quality with superior pressure and flow characteristics over the competition



- ***316 stainless steel construction***
- ***Dependable operation***
- ***PTFE or Kel F seal available***
- ***Sizes 1/4", 1/2" x 3/8" and 1/2"***
- ***Safety sleeve lock available***
- ***Tubular valve design***
- ***Operating pressures to 1000 psi (70 bar)***

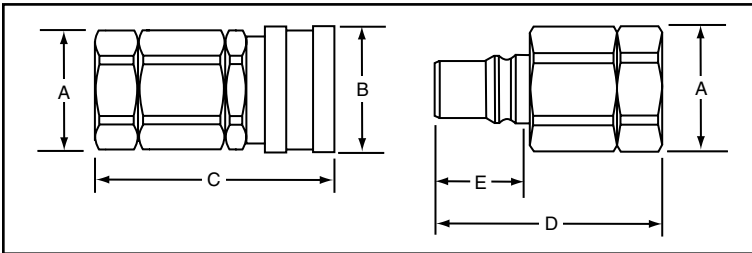
25 Series quick disconnects are ideally suited for systems that must come in contact with families of fluids that have widely varying chemical characteristics. Liquids such as aromatic hydrocarbons, alcohols, esters, ketones, ethers, strong caustics, sulfuric acid and hydrofluoric acid as well as many other highly corrosive materials pose no problem for the 25 Series. They may also be used with cryogenic liquids under certain conditions when Kel F seals are specified. This design utilizes a barrel-type valve construction with a seal mounted in the valve to assure equalized valve-seat sealing. A unique lip seal provides a highly reliable seal in the connected position and acts as a wiper when disconnecting.

Snap-tite



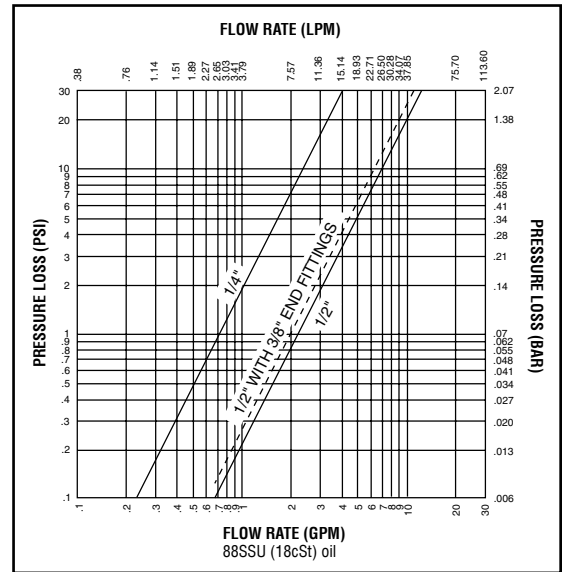
TECHNICAL AND DIMENSIONAL INFORMATION*

FLOW CHART - VALVED AND VALVED



SIZE	A (Hex)		B		C		D		E	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
1/4"	.88	22.35	1.19	30.23	2.01	51.05	1.80	45.72	.80	20.30
1/2" x 3/8"	1.19	30.23	1.38	35.05	2.41	61.21	2.30	58.42	.97	24.64
1/2"	1.19	30.23	1.38	35.05	2.50	63.50	2.38	60.45	.97	24.64

*NOTE: Dimensions and outlines are the same for both valved and plain units.



PRESSURE RATINGS

SIZE	MAXIMUM WORKING		MINIMUM BURST	
	PSI	BAR	PSI	BAR
1/4"	1,000	70	2,000	140
1/2" x 3/8"	1,000	70	2,000	140
1/2"	1,000	70	2,000	140

ACCESSORIES

SIZE	PRESSURE CAP	DUST CAP	DUST PLUG
1/4"	SPC25-4	SDC25-4	SDP25-4
1/2"	SPC25-8	SDC25-8	SDP25-8

HOW TO ORDER

PART NO. S V 25 C 4 - 4 F

Material	Body Type	Series	Coupling Half	Coupling Size	End Fitting Size	End Fitting Type	Seal Material	Sleeve Lock
S Stainless Steel 316	V Valved P** Plain (without valve)	25	C Coupler N Nipple	4 = 1/4" 8 = 1/2"	4 = 1/4" 6 = 3/8" 8 = 1/2"	F Female NPSF M Male NPT RP Female British Parallel BS2779	No letter-PTFE -100°F to 350°F -73°C to 177°C KF* Kel F -400°F to 300°F -240°C to 149°C	SL

*Kel-F seal is installed in coupler only. Mating nipple supplied with PTFE only.

**Valved nipple/plain coupler combination will not activate valving in nipple. Single shut-off should be specified with valving in coupler half.

! WARNING !

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE.

This document and other information from Snap-tite, Inc., its subsidiaries and authorized distributors, provides product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operation conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

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