ONE-HAND OPERATION, GENERAL PURPOSE COUPLINGS

SafeWay's S40 Series is a general purpose, double shut-off fluid transfer quick coupling available with either a rugged ball valve or leak-free, high flow poppet valve. The S40 Series was the first two-way (double acting) sleeve quick coupling, introduced by SafeWay in 1969 as our first product. The S40 Series is widely used wherever the ease and convenience of one-hand connection or disconnection is desired. It is original equipment on a wide variety of agricultural and mobile equipment.

- 1/2" body size meets dimensional requirements of ISO 5675.
- Two-way (double acting) sleeve of the S40 Series allows one-hand connect or disconnect when the coupling is clamp or bulkhead mounted.
- Available in body sizes from 1/4" to 1/2", in a variety of thread sizes and styles.
- Double shut-off design available with either a rugged ball valve or leak-free, high flow poppet valve.
- All poppet valve models are 100% leak tested before leaving the factory.
- Reliable and durable ball locking mechanism provides smooth operation time after time.
- Critical parts are hardened for long service life.
- Two-way sleeve design allows implement break-away when the coupling is clamp or bulkhead mounted.



- Interchangeable half-for-half with Parker/Pioneer 4200 Series.
- Referred to as "old reliable" by hands-on users.
- Dust plugs and dust caps available.
- Heavy-duty double break-away clamp available.
- Heavy-duty snap-rings for bulkhead mounting available.
- Method of obtaining and presenting performance data conforms to ANSI (NFPA) T3.20.2.R2, Hydraulic fluid power - Quick action couplings - Test methods.

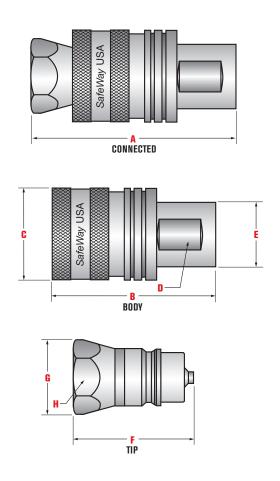
PERFORMANCE DATA

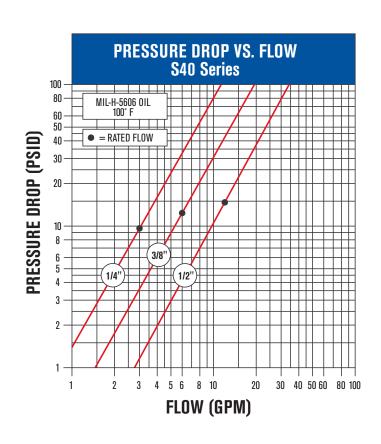
PART NUMBERS			DESCRIPTION		OPERATING PRESSURE		NFPA RATED FLOW	
Complete	Female Body Half	Male Tip Half	Body Size	Thread Size and Description	Maximum			
Coupler					PSI	(BAR)	GPM	(LPM)
S40-2	S45-2	S41-2	1/4"	1/4" Female Pipe	3,000	(207)	3	(12)
S40-2P	S45-2P	S41-2P	1/4"	1/4" Female Pipe	3,000	(207)	3	(12)
S40-3	S45-3	S41-3	3/8"	3/8" Female Pipe	3,000	(207)	6	(23)
S40-3P	S45-3P	S41-3P	3/8"	3/8" Female Pipe	3,000	(207)	6	(23)
S40-4	S45-4	S71-4	1/2"	1/2" Female Pipe	3,000	(207)	12	(45)
S40-4P	S45-4P	S71-4P	1/2"	1/2" Female Pipe	3,000	(207)	12	(45)
S40-15	S45-15	S71-15	1/2"	3/4"-16 Female ORB	3,000	(207)	12	(45)
S40-15P	S45-15P	S71-15P	1/2"	3/4"-16 Female ORB	3,000	(207)	12	(45)
S40-6	S45-6	S71-6	1/2"	3/4" Female Pipe	3,000	(207)	12	(45)
S40-6P	S45-6P	S71-6P	1/2"	3/4" Female Pipe	3,000	(207)	12	(45)

Temperature Range: Standard Seals (Buna-N) -40° to +250° F Viton® Option -15° to +450° F Other Seals Available. Vacuum Data: 27.4 inches Hg. both connected and disconnected – Poppet valved models in all sizes (P suffix).

 $\mbox{Viton}^{\mbox{\tiny{\it B}}}$ is a registered trademark of DuPont Dow Elastomers.

Pressure rating (Max. Operating Pressure) is based on Non-Pulsating, Low Cycle applications with essentially steady pressure during the operating cycle. Please consult factory regarding other applications.





DIMENSIONAL DATA

DIMENSIONS (inches)												
Complete Coupler Number	Overall Length	Body Length	Diameter	Wrench Flat	Diameter	Tip Length	Diameter	Hex				
	A	В	C	D	Е	F	G	Н				
S40-2	2.52	1.94	1.07	.75	.84	1.32	.86	.75				
S40-2P	2.52	1.94	1.07	.75	.84	1.37	.86	.75				
S40-3	3.03	2.31	1.32	.87	1.06	1.58	1.08	.94				
S40-3P	3.03	2.31	1.32	.87	1.06	1.67	1.08	.94				
S40-4	3.66	2.68	1.50	.93	1.06	1.94	1.22	1.06				
S40-4P	3.66	2.68	1.50	.93	1.06	1.96	1.22	1.06				
S40-15	3.66	2.68	1.50	.93	1.06	1.94	1.22	1.06				
S40-15P	3.66	2.68	1.50	.93	1.06	1.96	1.22	1.06				
S40-6	4.07	2.90	1.50	1.25	1.43	2.16	1.43	1.25				
S40-6P	4.07	2.90	1.50	1.25	1.43	2.18	1.43	1.25				

See pages 34-36 for accessories to the S40 Series.