

Coupling Selection & Ordering Guide

Hydraulic Quick Couplings

	Valving	Body Size	Material* Br S S3 S6	Locking Mechanism	Std. Seal Material**	Temp Range**	Rated Pressure	
General Purpose								
60 Series	Poppet	1/8 - 2 1/2"	● ● ● ●	Ball	Nitrile	-40° to +250° F	1000 to 5000 PSI	
60 Series Steam	Poppet	1/4 to 1"	●	Ball	Ethylene Propylene	-65° to +400° F	100 PSI	
6600 Series	Poppet	1/4 to 1"	●	Ball	Nitrile	-40° to +250° F	4000 to 5000 PSI	
SM Series	Poppet	1/4 to 3/4"	●	Ball	Nitrile	-40° to +250° F	4500 to 6000 PSI	
HP Series	Poppet	1 to 1 1/2"	●	Ball	Nitrile	-40° to +250° F	5000 PSI	
4000 Series	Poppet/Ball	1/4 to 1"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
4200 Series	Poppet/Ball	3/8 to 1/2"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
Non-Spill								
NS Series	Flush Face	3/8 to 1"	●	Ball	Nitrile	-40° to +250° F	2500 PSI	
Adapter	Flush Face/Poppet	1/2"	●	Ball	Nitrile	-40° to +250° F	3000 to 3625 PSI	
FF Series	Flush Face	1/4 to 1"	●	Ball	Nitrile	-40° to +250° F	3000 to 5000 PSI	
FEM Series	Flush Face	1/4 to 1"	●	Ball	Nitrile	-40° to +250° F	3000 to 5000 PSI	
FS Series	Flush Face	1/4 to 1"		●	Ball	Fluorocarbon	-15° to +400° F	2000 PSI
Non-Spill Connect Under Pressure								
FC Series	Flush Face	3/8 to 3/4"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
FEC Series	Flush Face	3/8 to 1"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
6100 Series	Flush Face	3/4 to 1 1/2"	●	Threads	Nitrile	-40° to +250° F	2000 to 3000 PSI	
Connect Under Pressure								
8200 Series	Poppet	1/2"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
9200 Series	Poppet	1/2"	●	Ball	Nitrile	-40° to +250° F	3000 PSI	
5000 Series	Ball	1/2"	●	Threads	Nitrile	-40° to +250° F	2500 PSI	
High Pressure								
FH Series	Flush Face	3/8"	●	Ball	Nitrile	-40° to +250° F	10,000 PSI	
3000 Series	Ball	1/4 to 3/8"	●	Threads	Polyurethane	-22° to +230° F	10,000 PSI	
TC Series	Poppet	3/8"	●	Ball	Fluorocarbon	-15° to +400° F	10,000 PSI	
1141 Series	Poppet	1/4"		●	Threads	Polyurethane	-40° to +180° F	10,000 PSI
Mold Coolant								
Moldmate	Valved & Unvalved	1/4 to 1/2"	●	Ball	Silicone	-20° to +400° F	200 PSI	
High Flow								
ST Series	Unvalved	1/8 to 1 1/2"	● ● ●	Ball	Nitrile	-40° to +250° F	2500 to 6700 PSI	
HO Series	Unvalved	1/4 to 1/2"	●	Ball	Nitrile	-40° to +250° F	10,000 to 15,000 PSI	
Water Service	Unvalved	3/4"	●	Ball	Nitrile	-40° to +250° F	200 PSI	
Special Purpose - Miniature								
DM Series	Poppet	1/8	●	Ball	Fluorocarbon	-15° to +400° F	250 PSI	

See Fluid Compatibility chart and/or consult factory for questions regarding proper material for specific applications.

* Material Code: Br = Brass; S = Steel; S3 = 303 Stainless Steel; S6 = 316 Stainless Steel

****Optional Seals Seal Material Specific Coupling Series Using Optional Seal Suffix Designator at left**

W	Ethylene Propylene	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST
Y	Fluorocarbon	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST, Moldmate (if used with oil based media only)
Z	Neoprene	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST
E5	Ethylene Propylene	SM, HP, NS, FF, FEM, FH, FS, HO
E4	Fluorocarbon	SM, HP, NS, FF, FEM, FH, FS (STD-no suffix needed), HO, TC (Fluorocarbon only-no suffix needed)
E12	Neoprene	SM, HP, NS, FF, FEM, FH, FS, HO
E47	Perfluoroelastomer	SM, HP, NS, FF, FEM, FH, FS (Contact the division re: Perfluoroelastomer options) 3000 and 1141 with Polyurethane only (no suffix needed) Water Service (Nitrile only)

To select proper Seal Materials, see Fluid Compatibility chart in Appendices, or contact your Parker Quick Coupling Distributor.

