



FLUID SYSTEM CONNECTORS TRANSPORTATION PRODUCT MATRIX

Product	Type	Body Material	Temperature		Maximum Pressure		Tubing Size	
			MIN	MAX	PSI	BAR	IN	MM

Transportation Push-to-Connect

	Prestomatic	Push-to-Connect	Brass	-40°F (-40°C)	200°F (93°C)	250	17	5/32 - 3/4	-
	PTC Composite	Push-to-Connect	Composite	-40°F (-40°C)	200°F (93°C)	250	17	1/4 - 3/4	-
	Metric Prestomatic	Push-to-Connect	Brass	-40°F (-40°C)	200°F (93°C)	250	17	-	4 - 16

Transportation Compression

	NTA	Compression	Brass	-40°F (-40°C)	200°F (93°C)	150	10	3/16 - 3/4	-
	Transmission	Compression	Brass	-40°F (-40°C)	220°F (104°C)	150	10	1/8 - 5/32	-
	Air Brake - AB	Compression	Brass	-65°F (-54°C)	250°F (121°C)	400	27	1/4 - 3/4	-
	Air Brake Hose Ends	Compression	Brass	-50°F (-45°C)	212°F (100°C)	225	15	3/8 - 1/2	-
	Vibra-Lok Buna N Sleeve	Compression	Brass	-30°F (-34°C)	275°F (135°C)	On Condition		1/8 - 3/4	-
	Vibra-Lok Fluorocarbon Sleeve	Compression	Brass	-15°F (-26°C)	450°F (232°C)	On Condition		1/8 - 3/4	-
	Truck Valves	Compression	Brass	-30°F (-34°C)	250°F (121°C)	150	10	3/8 - 3/4	-
	Lanyard Valve	Manual Release	Brass	-40°F (-40°C)	200°F (93°C)	150	10		-

Transportation Cartridge & Manifolds

	SAE Encapsulated Cartridge	Push-to-Connect	Brass	-40°F (-40°C)	200°F (93°C)	250	17	5/32 - 3/4	-
	Brass Manifold	Pipe	Brass	-65°F (-54°C)	250°F (121°C)	1000	69	-	-
	Presto Manifold	Push-to-Connect	Glass Filled Nylon	-40°F (-40°C)	200°F (93°C)	150	10	1/4 - 1/2	-

Industrial Brass

	45° Flare	Flare	Brass	-65°F (-54°C)	250°F (121°C)	2800	193	1/8 - 7/8	-
	Hose Barbs	Barbed	Brass	-40°F (-40°C)	160°F (71°C)	150	10	1/4 - 1	-
	Pipe	Threaded	Brass	-65°F (-54°C)	250°F (121°C)	1000	69	1/8 - 1	-
	ISO Port Adapters		Brass	Dependent on Tubing or Hose End Connection		75			-

Industrial Ball Valves

	500 Series	Female/Female	Brass	0°F (-18°C)	350°F (+176°C)	600	41		
	501 Series	Female/Male	Brass	-0°F (-18°C)	350°F (+176°C)	600	41		
	502 Series	Panel Mounted	Brass	0°F (-18°C)	350°F (+176°C)	600	41		
	506 Series	Straight Thread	Brass	0°F (-18°C)	350°F (+176°C)	600	41		
	509 Series	Solder Ends	Brass	0°F (-18°C)	350°F (+176°C)	600			
	510 Series	Male/Female Straight Thread	Brass	0°F (-18°C)	350°F (+176°C)	600	41		
	520 Series	Female/Female	Brass	0°F (-18°C)	350°F (+176°C)	600	41		
	533 Series	3-Way Diversion	Brass	-20°F (-29°C)	350°F (+176°C)	400	27		
	540 Series	4-Way	Brass	-20°F (-29°C)	350°F (+176°C)	400	27		
	590/591 Series	Right Angle	Brass	-50°F (-45°C)	350°F (+176°C)	250	17		
	500HB Series	Hose Barb	Brass	0°F (-18°C)	350°F (+176°C)	150	10		

Plug Valves

	607 Series	Male/Male	Brass	-40°F (-40°C)	175°F (79°C)	250	17	-	-
	608 Series	Male/Female	Brass	-40°F (-40°C)	175°F (79°C)	250	17	-	-
	609 Series	Female/Female	Brass	-40°F (-40°C)	175°F (79°C)	250	17	-	-

Needle Valves/Drain Cocks/Ground Plug Shutoff

	Needle Valves	Shutoff	Brass	-45°F (-42°C)	250°F (121°C)	150	10	-	-
	Drain Cocks	External/Internal	Brass	-65°F (-54°C)	250°F (121°C)	150	10	-	-
	Ground Plug Shutoff	Shutoff	Brass	32°F (0°C)	125°F (51°C)	30	2	-	-