



MS20756 FLANGE

4-hole sizes thru -32. 6-hole sizes thru -40 and -48.

Eaton's Aeroquip® Hose and Flanged Fittings Recommended Operating Pressures

Experience with MS20756 (formerly AN756) type flanges in higher pressure applications indicates that a reduced proof pressure should be used in the larger sizes. The chart below lists the recommended maximum proof pressures for various Aeroquip hose styles with this type flange fitting. In addition, when jump size fittings are used, the proof pressure shall be limited to the flange or hose proof pressures, whichever is lowest. This

limitation is necessitated by reported warping of the flange and shoulder, with subsequent failure of the gasket seal, when subjected to the usual minimum 2X operating proof pressures for certain hose styles.

MS20756 flanged fittings shall be installed in accordance with MS33786 (supersedes AND10086) using an AN763 gasket. Maximum operating temperature for this type of flange is limited to +275°F (+135°C) by MS20756.

Specifications

Recommended Pressures for Aeroquip Hose and Fittings Used with MS20756 Type Flanged Fittings

Hose Part Number	Swivel Nut Fittings		MS20756 Type Flange Fittings	
	Max. Operating Pressure psi (bar)	Min. Proof Pressure psi (bar)	Max. Operating Pressure psi (bar)	Max. Proof Pressure psi (bar)
302A-16	800 (55.15)	1600 (110.31)	800 (55.15)	1250 (86.18)
302A-20	600 (41.36)	1250 (86.18)	500 (34.47)	750 (51.71)
302A-24	500 (34.47)	1000 (68.94)	500 (34.47)	750 (51.71)
302A-32	350 (24.13)	700 (48.26)	350 (24.13)	700 (48.26)
302A-40	250 (17.23)	500 (34.47)	250 (17.23)	500 (34.47)
303-12	1500 (103.42)	3000 (206.84)	1250 (86.18)	1500 (103.42)
601-12	1000 (68.94)	2000 (137.89)	1000 (68.94)	1500 (103.42)
601-16	750 (51.71)	1500 (103.42)	750 (51.71)	1250 (86.18)
601-20	500 (34.47)	1300 (89.63)	500 (34.47)	750 (51.71)
601-24	250 (17.23)	800 (55.15)	250 (17.23)	750 (51.71)
601-32	200 (13.78)	600 (41.36)	200 (13.78)	600 (41.36)
666-12	1000 (68.94)	2000 (137.89)	1000 (68.94)	1500 (103.42)
667-16	1250 (86.18)	2500 (172.36)	1000 (68.94)	1250 (86.18)
667-20	1000 (68.94)	2000 (137.89)	500 (34.47)	750 (51.71)
667-24	1000 (68.94)	2000 (137.89)	500 (34.47)	750 (51.71)



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