

GENERAL INFORMATION

PULSAR adapters conform to SAE J514 and J1453 specifications for hydraulic tube fittings (where applicable), and to various ISO specifications depending on thread types. Pressure ratings given here are a general guide. We recommend that on jump size adapters or adapters with two thread styles, the lowest rating be used. Maximum working pressures are given in psi, based on a 4:1 ratio to minimum burst pressure.

Fitting and Adapter Maximum Recommended Working Pressure (psi)

Dash Size	Male Non Swivel	JIC Female Swivel	NPTF Male Pipe Swivel	NPTF Male Pipe Non Swivel	NPTF Female Pipe Non Swivel	NPSM Female Pipe Swivel	Flange Code 61	Flange Code 62	Flange Cat Style	ORB Male Non Swivel	ORFS Male or Female	SAE 45° Flare Female	Flare-less Byte Type J514
-04	5000	5000	3000	5000	5000	5000				5000	6000	3000	5000
-05	5000	5000	3000							5000			5000
-06	4000	4000	3000	4000	4000	4000				5000	6000	3000	4000
-08	4000	4000	3000	4000	4000	4000	5000	6000		4500	6000	3000	3500
-10	4000	4000	2750				5000	6000		4000	6000	2750	2750
-12	4000	4000	2250	4000	2250	2250	5000	6000	6000	4000	6000	2250	2250
-14													
-16	4000	4000	2000	4000	2000	2000	5000	6000	6000	4000	6000	2000	2000
-20	3000	3000		3000	1625	1625	4000	6000	6000	3000	4000	1625	1625
-24	3000	3000		2500			3000	6000	6000		4000	1250	
-32	3000	3000		2500			3000	6000	6000			1125	

Dash Size	BSPP O-ring Female Swivel	BSPT Male Non Swivel	BSPP Male Non Swivel	DIN 24 Light Female Swivel	DIN 24 Light Male Swivel	DIN 24 Heavy Female Swivel	Din 24 Heavy Male Swivel	JIS 30 Flare Female Swivel	Komatsu Metric Female Swivel
-04	5800	5800	5800	3625	3625			5000	5000
-05				3625	3625	5800	5800		
-06	5800	5800	5800	3625	3625	5800	5800	5000	5000
-08	5000	5000	5000	3625	3625	5800	5800	5000	5000
-10	5000	5000	5000	3625	3625	5800	5800		
-12	4500	4500	4500	2320	2320	5800	5800	4000	4000
-14									
-16	3500	3500	3500	2320	2320	5800	5800	3000	3000
-20	2850	2850	2850	1450	1450	5800	5800	2500	2500
-24	2250	2250	2250	1450	1450	3625	3625	1500	1500
-32	1800	1800	1800	1450	1450	3625	3625	1500	1500

*Pressure Rating Hose Assemblies:
The maximum dynamic working pressure of the hose assembly is the LESSER of the rated working pressure of the hose and the fittings used.*

