

# Garlock Gasketing Selection Guide

**B.O.S.S.**

Authorized Garlock Distributor

PH: 905 545-2677

FX: 905 545-2839

1 - Preferred      2 - Satisfactory

Media															
Acids	Alkalies	Gases			Oils	Solvents									
Mild	Corrosive	Mild	Corrosive	Air & Dry	Bromine, Chlorine	Oxygen	Petroleum	Synthetics, Diesters	Aromatic (Ben. etc.)	Aliphatic (Gas, etc.)	Chlorinated	Refrigerants, Halocarbons	Steam	Water & Salt Solution	Non-Contamination Required

Product	Basic Composition	Garlock Style	Maximum Temp.	Maximum Pressure P x T												Comments			
Compressed Carbon Fibre	Carbon Fibre, SBR Binder	HTC 9800	900°F	2000psi 700,000	2		2		1	2		2				1	1	high temp. saturated steam	
Compressed Carbon Fibre	Carbon Fibre, Nitrile Binder	HTC 9850	900°F	2000psi 700,000	2		2		1	2		1			2	2	high temp. hydrocarbons		
Compressed Graphite Fibre	Graphite Fibre, Nitrile Binder	G9900	1000°F	2000psi 700,000	2		2		1		1				1	1	extremely versatile material		
Flexible Graphite	Pure Graphite	GRAPH-LOCK	Depends on Style		1	1	1	1	1	2		1	2	1	1	1	1	2	very high temperatures
Compressed Non-Asbestos	Inorganic Fibre, Nitrile Binder	ST706	1000°F	1500psi 375,000	2		2		1		1			1	2	1	1	steam applications	
Compressed Non-Asbestos	Synthetic Fibre, Nitrile Binder	3000	700°F	1000psi 350,000	2		2		2	2		1	2		1	2	2	good general purpose	
Compressed Non-Asbestos	Inorganic Fibre, Nitrile Binder	5500	800°F	1200psi 350,000	2		2		2	2		1	2		1	2	2	good general purpose	
Compressed Non-Asbestos	Synthetic Fibre, SBR Binder	3200/3400	700°F	1200psi 350,000	2		2		2	2		2			2	1		saturated steam	
Compressed Non-Asbestos	Inorganic Fibre, SBR Binder	5502	800°F	1200psi 350,000	2		2		2	2		2			2	1		saturated steam	
Compressed Non-Asbestos	Synthetic Fibre, Neoprene Binder	3300	700°F	1200psi 350,000	2		2		2		1	2		2	1	2	2	excellent against refrigerants	
Compressed Non-Asbestos	Inorganic Fibre, Neoprene Binder	5503	800°F	1200psi 350,000	2		2		2		1	2		2	1	2	2	excellent against refrigerants	
Compressed Non-Asbestos	Synthetic Fibre, EDPM Binder	3700	700°F	1200psi 350,000	2		1	2	2						1	1	2	ozone & sat. steam resistant	
Compressed Non-Asbestos	Inorganic Fibre, EDPM Binder	5507	800°F	1200psi 350,000	2		1	2	2						1	1	2	ozone & sat. steam resistant	
<del>Compressed Asbestos</del>	White Asbestos, SBR Binder	900	750°F	1800psi 350,000	2		2		2	1					1	1	2	general service	
<del>Compressed Asbestos</del>	White Asbestos, SBR Binder	7021	750°F	1800psi 350,000	2		2		2	2		2			2	2		hot oil resistant	
<del>Compressed Asbestos</del>	White Asbestos, Nitrile Binder	8748	750°F	1500psi 350,000	2		2		2	2		1	2	2	1	2	2	general solvent service	
<del>Compressed Asbestos</del>	Wire Inserted, White Asbestos, SBR Binder	1000	900°F	3000psi 350,000	2			2	2	2					1	1		heavy duty steam	
PTFE/GYLON	PTFE plus inert fillers	3500, 3504, 3510	500°F	1200psi* 350,000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	low cold flow, chemical appl.
Homogeneous Rubber	80 Durometer SBR	22	200°F	150psi 20,000	2		2		2							1	2	prime red rubber	
Homogeneous Rubber	70 Durometer Nitrile	8495	250°F	150psi 20,000	2		2	2	2		1			1			2	prime nitrile	
Homogeneous Rubber	60 Durometer Neoprene	7986	250°F	150psi 20,000	2		2		2		1			2	1		2	prime neoprene	
Homogeneous Rubber	60 Durometer EPDM	8314	300°F	150psi 20,000	1	2	1	2	2						2	2		excellent ozone resistance	
Homogeneous Rubber	75 Durometer Fluoroelastomer	9518	392°F	150psi 20,000	1	2	1	2		1	1		2	1	2		2	excellent chemical resistance	
Reinforced Rubber	50 Durometer SBR, 20 oz. Hose Duck	619	200°F						2							2		heavy cotton reinforcement	
Woven N-A With Wire	Fibreglass, Natural Rubber Impregnated	6050	390°F	180psi	2		2		2						1	1		soft & conforming	
Vegetable Fibre	Cellulose Fibre, Cork, Glue, Glycerine	660	212°F	200psi 40,000					2		1	2	2	2				soft, resilient, non-water	

\* 3504 (800 psi)      \*This is a general guide only. Consult engineering for each specific application.\*      P x T values based on 1/32" & 1/16" thick material