

Chemical Resistance of Garlock Compressed Sheet and GYLON®

Medium	Garlock Style Number														
	GYLON®								IFG 5500 G-9900 9850	9800	ST-706	2900 ¹⁴ 3000	3200 3400	2930 3300	IFG 5507 3700
	3500	3504 3565 3594	3510 3591	3560	3561	3535 3540 3545	3530								
Naphtha	A	A	A	A	A	A	A	A	C	A	A ¹²	C	B	C	
Naphthalene	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Naphthols	A	A	A	-	-	A	A	-	-	-	-	-	-	-	
Natural Gas	A	A	A	A	A	A	A	A	B	B	A ¹²	B	B	B	
Nickel Chloride	A	A	A	B	B	A	A	A	A	A	A	A	A	A	
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Nitric Acid, Less than 30%	A	A	A	A	A	A	C	C	C	C	C	C	C	C	
Above 30%	A	A	A	A	A	A	C	C	C	C	C	C	C	C	
Crude	A	A	A	-	-	A	C	C	C	C	C	C	C	C	
Red Fuming	A	A	A	B	B	A	C	C	C	C	C	C	C	C	
Nitrobenzene	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
4-Nitrobiphenyl	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
2-Nitro-Butanol	A	A	A	-	-	A	-	C	-	C	C	-	C	-	
Nitrocalcite (Calcium Nitrate)	A	A	A	-	-	A	C	B	B	B	B	B	B	B	
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Nitrogen Tetroxide	A	A	A	-	-	A	-	C	C	C	C	C	C	C	
Nitrohydrochloric Acid (Aqua Regia)	A	A	A	B	B	A	C	C	C	C	C	C	C	C	
Nitromethane	A	A	A	A	A	A	A	C	-	C	C	-	C	-	
2-Nitro-2-Methyl Propanol	A	A	A	-	-	A	-	C	-	C	C	-	C	-	
Nitromuriatic Acid (Aqua Regia)	A	A	A	B	B	A	C	C	C	C	C	C	C	C	
4-Nitrophenol	A	A	A	-	-	A	A	C	C	C	C	C	C	C	
2-Nitropropane	A	A	A	A	A	A	A	C	-	C	C	-	C	C	
N-Nitrosodimethylamine	A	A	A	A	A	A	A	B	B	B	B	B	-	-	
N-Nitroso-N-Methylurea	A	A	A	-	-	A	A	-	-	-	-	-	-	-	
N-Nitrosomorpholine	A	A	A	A	A	A	A	C	-	C	C	-	C	-	
Norge Niter (Calcium Nitrate)	A	A	A	-	-	A	C	B	B	B	B	B	B	B	
Norwegian Saltpeter (Calcium Nitrate)	A	A	A	-	-	A	C	B	B	B	B	B	B	B	
N-Octadecyl Alcohol	A	A	A	A	A	A	A	A	A	A	A	A	-	A	
Octane	A	A	A	A	A	A	A	A	C	A	A ¹²	C	B	C	
Oil, Petroleum	A	A	A	A	A	A	A	A	B	A	A ¹²	B	B	C	
Oils, Animal and Vegetable 10	A	A	A	A	A	A	A	A	C	A	A	C	B	B	
Oleic Acid	A	A	A	A	A	A	A	B	-	B	B	-	C	C	
Oleum	A	-	C	C	C	A	-	C	C	C	C	C	C	C	
Orthodichlorobenzene	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Oxalic Acid	A	A	A	B	B	A	A	C	-	C	C	-	B	B	
Oxygen, Gas	See Note 7							C	C	C	C	C	C	C	C
Ozone	A	A	A	A	A	A	C	C	C	C	C	C	C	C	
Palmitic Acid	A	A	A	A	A	A	A	A	B	A	A	B	B	A	
Paraffin	A	A	A	A	A	A	A	A	B	A	A	B	B	C	
Paratherm HE	A	A	A	A	A	A	A	A	C	A	A	C	B	C	
Paratherm NF	A	A	A	A	A	A	A	A	C	A	A	C	-	C	
Parathion	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Paraxylene	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Pentachloronitrobenzene	A	A	A	-	-	A	A	C	C	C	C	C	C	C	
Pentachlorophenol	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Pentane	A	A	A	A	A	A	A	A	C	A	A ¹²	C	B	C	
Perchloric Acid	A	A	A	C	C	A	C	C	C	C	C	C	C	C	
Perchloroethylene	A	A	A	A	A	A	A	C	C	C	C	C	C	C	
Petroleum Oils, Crude	A	A	A	A	A	A	A	A	B	A	A ¹²	B	B	C	

Call for specific recommendations.

WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues.