

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							
Refined	A	A	A	A	A	A	A	A	B	A	A ¹²	B	B	C
Phenol	A	A	A	A	A	A	A	C	C	C	C	C	C	B
p-Phenylenediamine	A	A	A	A	A	A	A	C	C	C	C	C	-	-
Phosgene	A	A	A	B	B	A	A	C	-	C	C	-	-	B
Phosphate Esters	A	A	A	A	A	A	A	C	C	C	C	C	C	B
Phosphine	A	A	A	A	A	A	A	-	-	-	-	-	-	-
Phosphoric Acid, Crude	C	C	A	C	B	A	A	C	C	C	C	C	C	C
Pure, Less than 45%	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Pure, Above 45%, 150°F and below	B	B	A	B	B	A	A	C	C	C	C	C	C	C
Pure, Above 45%, Above 150°F	C	B	A	C	B	A	A	C	C	C	C	C	-	-
Phosphorus, Elemental	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Phosphorus Pentachloride	A	A	A	B	B	A	A	C	C	C	C	C	C	C
Phthalic Acid	A	A	A	A	A	A	A	C	-	C	C	-	B	-
Phthalic Anhydride	A	A	A	A	A	A	A	C	-	C	C	-	C	B
Picric Acid, Molten	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Solution	A	A	A	A	A	A	A	B	B	B	B	B	B	B
Pinene	A	A	A	A	A	A	A	A	C	A	A	C	B	C
Piperidine	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Polyacrylonitrile	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Polychlorinated Biphenyls	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Potash, Potassium Carbonate	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Acetate	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Bichromate	A	A	A	A	A	A	C	A	B	A	A	B	B	A
Potassium Chromate, Red	A	A	A	A	A	A	C	A	B	A	A	B	B	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	A	A	A	A	A	A	C	A	B	A	A	B	B	A
Potassium, Elemental	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Potassium Hydroxide	C	B	A ⁶	C	A ⁶	A ¹¹	A ⁶	C	C	C	C	C	C	C
Potassium Nitrate	A	A	A	A	A	A	-	B	B	B	B	B	B	B
Potassium Permanganate	A	A	A	A	A	A	-	B	-	B	B	-	B	B
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Producer Gas	A	A	A	A	A	A	A	A	C	B	A	C	B	C
Propane	A	A	A	A	A	A	A	A	C	B	A ¹²	C	B	C
1,3-Propane Sultone	A	A	A	-	-	A	A	-	-	-	-	-	-	-
Beta-Propiolactone	A	A	A	A	A	A	A	C	C	C	C	C	C	B
Propionaldehyde	A	A	A	A	A	A	A	C	C	C	C	C	-	-
Propoxur (Baygon)	A	A	A	A	A	A	A	C	C	C	C	C	-	-
Propyl Alcohol	A	A	A	A	A	A	A	A	A	A	A ¹²	A ¹²	A ¹²	A ¹²
Propyl Nitrate	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Propylene	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Propylene Dichloride	A	A	A	A	A	A	A	C	C	C	C	C	C	C
Propylene Glycol	A	A	A	A	A	A	A	A	A	A	A	A	-	A
Propylene Oxide	A	A	A	A	A	A	A	C	C	C	C	C	C	B
1,2-Propylenimine	-	-	A	-	-	A	A	C	C	C	C	C	C	C
Prussic Acid, Hydrocyanic Acid	A	A	A	A	A	A	A	A	B	A	A	B	B	A
Pyridine	A	A	A	B	B	A	A	C	C	C	C	C	C	B
Quinoline	A	A	A	B	B	A	A	C	C	C	C	C	C	C
Quinone	A	A	A	A	A	A	-	-	-	-	-	-	-	-
Refrigerants	See Specific Ratings on Next Page													

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.



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