

DURLON® 8700

A premium neoprene (CR) gasket sheet combined with a unique blend of high strength aramid and inorganic fibres providing excellent sealability in services such as ammonia containing refrigerant systems.

Typical Physical Properties	
Colour	Blue
Fiber	Aramid/Inorganic
Binder	CR
Density	1.7 g/cc (106 lbs/cu. ft)
Tensile Strength	
ASTM F152	1500 psi (10.3 MPa)
Compressibility	
ASTM F36	8 to 16%
Recovery	
ASTM F36	45%
Temperature	
Range	-100 to 700°F
Continuous, max	548°F
Pressure, max	1500 psi
Nitrogen Sealability	
ASTM 2378	0.0500 cc/min
Creep Relaxation	
ASTM F38	20%
Flexibility	
ASTM F147	8x
Fluid Resistance, ASTM F146	
IRM 903 Oil 5hrs at 300°F	
Thickness Increase	0-15%
Weight Increase	15%
ASTM Fuel B 5hrs at 70°F	
Thickness Increase	0-15%
Weight Increase	15%
Fluid Services	Saturated steam, oils, water, dilute acids & alkalis, refrigerants

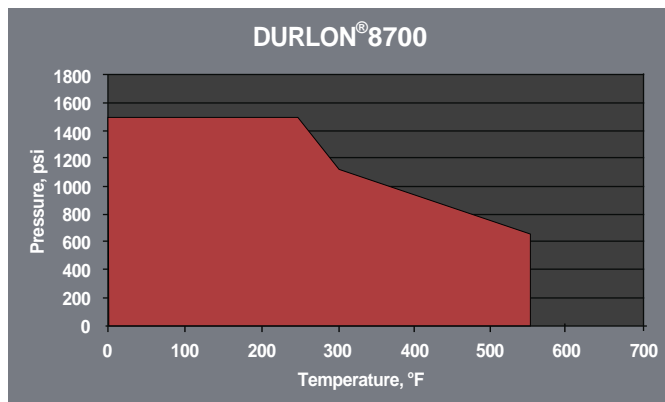
Note: ASTM properties are based on 1/16" sheet thickness, except ASTM F38 which is based on 1/32" sheet thickness. This is a general guide only and should not be the sole means of accepting or rejecting this material. The data listed here falls within the normal range of product properties, and should not be used to establish specifications limits nor used alone as the basis of design. For applications above Class 300, contact our technical department.

Anti-Stick Properties:

Much effort has gone into improving the anti-stick release agents of all compressed Durlon® products. All Durlon® compressed gasket materials have passed the MIL-G-24696B Navy Adhesion Test (366°F/48hrs).

Benefits:

- Our top performer for old style HVAC OEM applications
- Proven to provide a tight seal in refrigerants, oils and fuels



Warning: Durlon® gasket materials should never be recommended when both temperature and pressure are at the maximum listed. Properties and applications stated are typical. No applications should be undertaken by anyone without independent study and evaluation for suitability. Never use more than one gasket in one flange joint and never reuse a gasket. Improper use or gasket selection could cause property damage and/or serious injury. Data reported is a compilation of field testing, field service reports and/or in-house testing. While the utmost care has gone into publishing the information contained herein, we assume no responsibility for errors. Specifications and information contained in this flyer are subject to change without notice. This edition cancels and obsoletes all previous editions.

Gasket Factors		
	1/16"	1/8"
m	3.1	4.5
Y, psi	3,127	4,210
Gb, psi	650	400
a	0.33	0.35
Gs, psi	200	20