

SEALING SOLUTIONS

ASTM F104: F712120-A9B3E22K5L151M5

Aramid/NBR

Durlon® 7900/7925/7950 are economy grade general service sheets with NBR rubber binder for mild service in piping and equipment with applications in steam, hydrocarbons and refrigerants. An economical alternative when service ranges and applications are not severe.

Typical Properties

Colour	7900 - Off-White 7925 - Lgt. Green 7950 - Blue
Fibre System	Aramid-Inorganic
Binder	NBR
Temperature	
Min	-73°C (-100°F)
Max	371°C (700°F)
Max, continuous	260°C (500°F)
Pressure, max, bar (psi)	83 (1,200)
Density, g/cc (lbs/ft³)	1.7 (106)
Compressibility, % ASTM F36	7 - 17
Recovery, % ASTM F36	40
Creep Relaxation, % ASTM F38	20
Tensile Strength across grain ASTM F152, MPa (psi)	11 (1,600)
Fluid Resistance, ASTM F 146 IRM 903 Oil 5 hours at 149°C (300°F)	
Thickness Increase, %	0 - 15
Weight Increase, %	15
ASTM Fuel B 5 hours at 21°C (70°F)	
Thickness Increase, %	0 - 10
Weight Increase, %	12
Sealability, cc/min ASTM 2378 (Nitrogen)	0.05
Sealability, ml/hr ASTM F37 (Fuel A)	0.03
ASTM F37 (Nitrogen)	0.5
Gasket Factors	1/16" 1/8"
m	3.0 3.2
Y, psi (MPa)	3,347 (23.1) 3,385 (23.3)
G _y , psi (MPa)	497 (3.4) 486 (3.4)
a	0.226 0.276
G _a , psi (MPa)	3 (0.02) 0.4 (0.003)
Flexibility, ASTM F147	10x

* See note on ASTM testing properties on page 60.

Benefits

- Unsurpassed sealability drastically lowers emission levels
- General purpose sheet outperforms traditional economy sheets
- Anti-stick coating reduces time spent removing gaskets
- Good compressibility and recovery maintains a tight seal
- Cuts easily and cleanly
- Consistency of ingredients provides improved handling
- Minimal wear on tooling



Durlon® 7950

Certifications

California Proposition 65	Compliant
RoHS	Compliant

