



INDUSTRIES 3R

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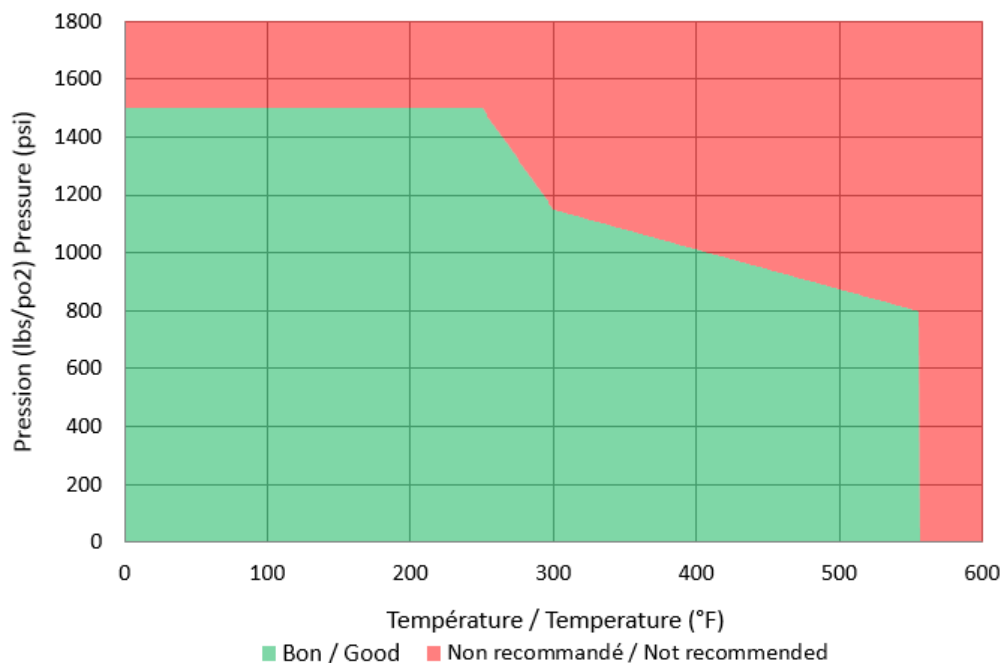
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DURLON

Durlon® 8400

Description

Durlon® 8400 contains high temperature phenolic fibers and minerals combined with high-grade nitrile (NBR) rubber. It exhibits higher temperature limits than aramid based materials and the handling and cutting characteristics are greatly improved than carbon and glass fiber products.



Applications

- Steam
- Mild caustics and acids
- Pulp and paper
- Chemical plant
- Water and wastewater
- Mining

Specifications

Technical Data	
Color	Gold
Temperature	Minimum: -100°F (-73°C), Continuous: 554°F (290°C), Short term: 800°F (427°C)
Pressure	1500psi
Density	1.7g/cc (106lbs/ft³)
Compressibility	8-16%
Recovery	50%
Creep Relaxation	25%
Tensile strenght	12.4MPa (1800psi)
pH	2-13 at room temp.
Volume Resistivity, ASTM D257	3.1 x 10 ¹³ ohm-cm
Dielectric breakdown, ASTM D149	14.6kV/mm
Gasket factor m	1/16": 2.9, 1/8": 4.5
Gasket factor y	1/16": 2140psi, 1/8": 3967psi
Gasket factor Gb	1/16": 380psi, 1/8": 391psi
Gasket factor a	1/16": 0.311, 1/8": 0.321
Gasket factor Gs	1/16": 0.01psi, 1/8": 0.014psi
Flexibility, ASTM F147	8x

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.