



INDUSTRIES 3R

Danville Office
55, route 116 Ouest
Danville (Québec) Canada
J0A 1A0

Phone: 819-839-2793
Fax: 819-839-2797
Toll-free: 800-567-2728
E-mail: info@industries3r.com

PTFE PRODUCTS

3R8200

Pulp and Paper



Description

The 3R8200 is produced from virgin PTFE resin filled with micro spheres of silica. This unique process of fabrication provides the Tealon® a high level of fibrillation to overcome the creep relaxation and cold flow problems associated with mechanical grade (3R810) and virgin grade (3R812) PTFE sheets.

Applications

- Chemical processing
- Strong acids (except hydrofluoric)
- Solvents
- Hydrocarbons
- Water
- Steam
- Chlorine

Specifications

Technical Data

Sheet size	60" x 60"
Thickness	1/16" and 1/8"
Color	Fawn
pH	0 - 14
Pressure	1200 psi (83 bar)

Temperature	-268°C to 260°C (-450°F to 500°F)
PxT Factor (psi x °F)	1/16": 350 000, 1/8": 250 000
Compressibility @ 5000 psi (ASTM F36 M)	5-15%
Recovery (ASTM F 36 M)	40%
Creep Relaxation (ASTM F38)	18%
Specific Gravity (ASTM D792)	2.10g/cm ³
Tensile strength (ASTM F152)	2030psi
Sealability (ASTM F 37 A)	0.20 ml/h
Sealability (DIN 3535)	0.015cm ³ /min
Gasket factors m	1/16": 4.4, 1/8": 3.5
Gasket factors y	1/16": 2 500, 1/8": 2 000
Gasket factors - Maximum seating stress Sgmax	1/16": 20 000, 1/8": 14 500

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.