



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

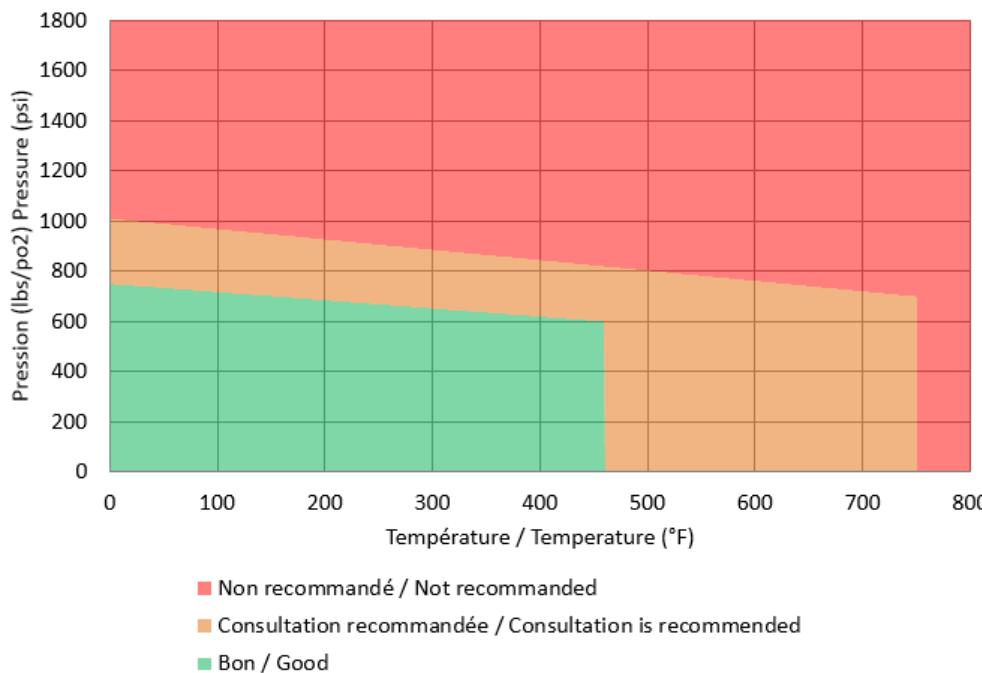
COMPRESSED SHEETS

## 3R865



### Description

Compressed sheet gasket material produced from a combination of aramid and other synthetic fibers and bonded with nitrile rubber (NBR). Efficient material for general services.



### Applications

- Process industries
- Water and wastewater industry
- Mild acids
- Water and brine
- Aliphatic solvents

- Air
- General chemicals
- Synthetic and vegetable oils
- Diluted alkali
- Industrial gases
- Refrigerants
- Neutral solutions
- Petroleum and derivatives

## Specifications

### Technical Data

Temperature	Continuous: 240°C (464°F), Short term: 400°C (750°F)
Pressure	Continuous: 725 psi (50 bar), Short term: 1595 psi (110 bar)
Color	Green
Thickness	1/64" to 1/8"
Density	109 lb/ft <sup>3</sup> (1.75 g/cc)
Compressibility (ASTM F36 J)	7-17%
Recovery (ASTM F36 J)	45% min.
Tensile Strength across grain (ASTM F152)	1670 psi (11.5 N/mm <sup>2</sup> )
Ignition Loss (ASTM F495)	34% max.
Creep relaxation (ASTM F38)	25%
Torque retention (DIN 52913)	28 N/mm <sup>2</sup>
Sealability at 1000 psi (ASTM F37)	0.25 ml/h max.

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.