



industries3r.com

Danville office

Industries 3R inc.
55, Road 116 West
Danville (Quebec)
Canada J0A 1A0

Telephone: (819) 839-2793
Fax: (819) 839-2797
Toll-free: (800) 567-2728
Email: info@industries3r.com

Montreal office

Industries 3R inc.
1479, Begin street
Ville St-Laurent (Quebec)
Canada H4R 1V8

Telephone: (514) 333-3971
Fax: (514) 333-7224
Email: info@industries3r.com

3R811

PTFE

The 3R 811 is produced by expanding 100% virgin PTFE into a highly fibrillated structure which exhibits characteristics significantly different than conventional PTFE. The expanded PTFE is much more flexible than regular PTFE and thus conforms easily to irregular and rough surfaces. In addition, the expanded material is easier to compress and exhibits excellent resistance to creep and cold flow. This style of joint sealant is supplied as a continuous tape with a self-adhesive backing strip to facilitate easy installation.



APPLICATIONS

This joint sealant resists virtually all chemicals in the 0-14 pH range and will not contaminate flow media. It has no smell or taste. It fulfills the FDA 21 CFR 177.1550 Perfluorocarbon Regulations.

It is recommended for the following sealing applications:

Steel pipe flanges, heat exchanges, manhole and handhole covers, glass-lined pipe flanges, fiberglass reinforced vessels, ceramic joints, fiberglass pipe flanges, pump housing flanges, ventilation ducts, plastic pipe flanges, compressor housing flanges, hydraulic and pneumatic systems, fume ducts, turbine cases, water supply systems and food ducts.

SPECIFICATIONS

Technical Data

Temperature	
Minimum	-240°C (-400°F)
Maximum	260°C (500°F)
Pressure	
Static	Vacuum to 2900 psi (200 bar)
pH	0 - 14 (except molten alkali metals and elemental fluorine)

Size recommendations

Flange size

For pipe size up to 1/2" dia.	Width : 1/8" Thickness: 1/16"
3/4" to 1- 1/2" dia.	Width : 3/16" Thickness: 0.087"
2" to 4"	Width : 1/4" Thickness: 3/16"
5" to 8"	Width : 3/8" Thickness: 3/16"
10" to 16"	Width : 1/2" Thickness: 1/4"
18" to 24"	Width : 5/8" Thickness: 0.28"
26" to 36"	Width : 3/4" Thickness: 5/16"
36" and above	Width : 1" Thickness: 5/16"

N.B. The information, details and values indicated are to the best of our know ledge. We recommend to conduct tests according to local conditions. The data is subject to some variations w ithout notice.