



PRODURA® Joint Sealant

Universal PTFE Joint Sealant

PRODURA^c universal joint sealant is a chemically inert cord sealant made from 100% expanded PTFE. It is an ideal form-in-place sealant for industrial gasketing users who, for standard applications, wish to balance sealing reliability with cost.

With greater strength than similarly priced joint sealants, **PRODURA[®]** universal joint sealant provides outstanding sealing reliability. Mechanically altered to decrease creep relaxation, its fibrous structure is both strong and very conformable, which means it will fill areas of significant Compare the tensile strength pitting and corrosion.

FEATURES

- Inherent strength against blowout
- Resists cold flow and creep relaxation
- Highly reliable seal; low emissions
- Low stress to seal
- Supports complex sealing configurations
- Compatible with all common chemicals
- Wide operating range
- Easily peeled, self-adhesive backing
- Easy to be removed
- Reduce storage
- less wasteful scrap

TECHNICAL INFORMATION

Temperature Range

-268 °C to 315 °C / -450 °F to 599 °F

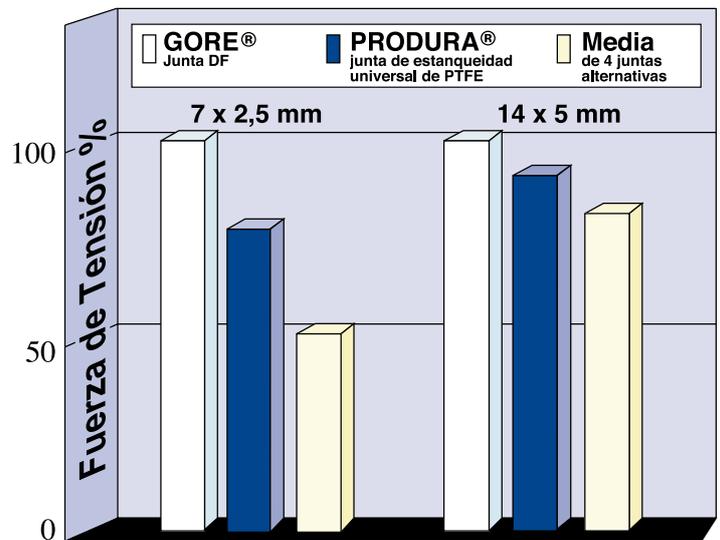
Pressure Range

Vacuum to 210 bar / 3045 psi
(higher pressures are possible for appropriate configuration)

COMPARE THE TENSILE STRENGTH

Tensile strength has been identified as a key parameter in relation to a gasket's ability to resist gross leakage (or blow out) while in service.

With higher tensile strength than other typical competitors in its class, **PRODURA[®]** universal PTFE joint sealant retains torque and is hard to overcompress.



Tensile strength testing: free clamping length: 100mm; velocity: 90 mm / min.

Chemical Compatibility

Resistant to all media in the range of pH 0 – 14, except for molten or dissolved alkali metals and elemental fluorine at high temperatures and pressures.

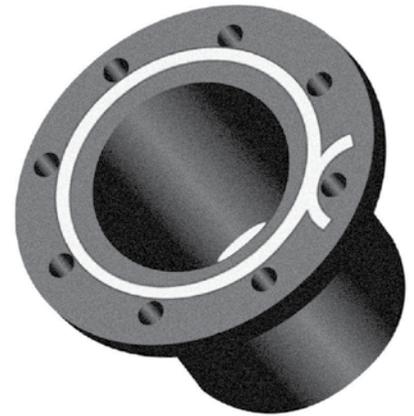
PHYSIOLOGICAL SAFETY

FOR INDUSTRIAL USE ONLY.

Not for use in food, drug, cosmetic or medical device manufacturing, processing or packaging operations.

AVAILABLE SIZES

Nominal Dimensions (w x h)	Spool Length			
	5 m	10 m	25 m	50 m
3 x 1,5 mm	-	●	●	●
5 x 2,0 mm	-	●	●	●
7 x 2,5 mm	-	●	●	●
10 x 3,0 mm	-	●	●	●
14 x 5,0 mm	-	●	●	●
17 x 6,0 mm	●	●	●	●
20 x 9,0 mm	●	●	●	-
25 x 9,0 mm	●	●	-	-



INSTALLATION GUIDELINES

1. Select the correct **PRODURA®** joint sealant size using the selection guidelines, or a size 25%-30% of the width of the sealing surface.
2. Remove the adhesive release paper and apply the joint sealant inside the bolt circle.
3. Overlap the ends at a bolt hole.
4. Tighten the bolts in a sequential cross-bolt pattern.
5. Torque bolts in a star pattern sequence in at least three successive passes up to the required boltforce.

SIZE SELECTION

Nominal Dimensions (w x h)	Nom. Bore
3 x 1,5 mm	< NW 50
5 x 2,0 mm	< NW 200
7 x 2,5 mm	< NW 600
10 x 3,0 mm	< NW 1500
14 x 5,0 mm	< NW 1500
17 x 6,0 mm	If severe flange irregularities or damage
20 x 9,0 mm	
25 x 9,0 mm	