



# DONIFLON 900 E

DONIFLON 900 E products consist of virginal, expanded PTFE. A highly fibrillated structure gives them their special properties. Product line includes sheets and joint sealants.

## General properties

- made of 100% virgin PTFE
- suitable for use with also the most aggressive media
- very soft and extremely compressible, therefore it compensates irregularities or damages on the flange face and is suitable for all pressure sensitive connections, like porcelain plastic, glass lined piping
- there is no ageing
- physiological safe; no contamination of flow products
- joint sealant is available with a self adhesive strip to aid installation

## Technical data (typical values for sheets in thickness 2 mm)

Temperature range		-240°C to +260 °C
pH range		0 - 14
Density	DIN 28090-2	0.9 g/cm <sup>3</sup>
Compressibility	ASTM F36/J	65 %
Recovery	ASTM F36/J	12 %
Stress resistance (16h, 30MPa, 150°C)	DIN 52913	16 MPa
Permeability to nitrogen	DIN 3535/6	0.002 mg/sm

## Dimensions

### Sheets

Sheet size: 1500 x 1500 mm

Thickness: 0.5 mm, 1.0 mm, 1.5 mm, 2.0 mm, 3.0 mm, 4.0 mm, 5.0 mm, 6.0 mm

### Joint sealants

Standard dimensions (width x thickness)

3 mm x 1.5 mm	12 mm x 4 mm	25 mm x 5 mm
5 mm x 2 mm	14 mm x 5 mm	25 mm x 10 mm
7 mm x 2.5mm	17 mm x 6 mm	30mm x 10 mm
10 mm x 3 mm	20 mm x 7 mm	40 mm x 5 mm

### Other dimensions available on request.

"All information quoted are based on years experience in operation of sealing elements. However in view of the wide variety of possible installation and operating conditions one cannot draw final conclusion in all applications cases regarding the behavior of the joint. The data may not, therefore, be used to support any warranty claims. Whenever there is any doubt, our staff will be pleased to assist you in finding the optimum sealing solutions."



**DONIT TESNIT d.d.**  
 Cesta komandanta Staneta 38  
 1215 MEDVODE, Slovenija  
 telefon: +386 (0)1 582 32 00  
 fax: +386(0)15823206,5823208  
 E-mail: info@donittesnit.si  
<http://www.donittesnit.si>