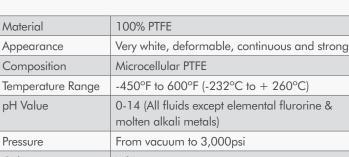


# **EXPANDED PTFE - SOFT-TEF (UNBRANDED)**

#### **FEATURES**

Soft-Tef sheet gasketing is made of 100% expanded PTFE. The special proprietary expansion process generates a highly fibrillated microstructure, making the sheet soft and pliable. The material is very tough and can withhold high compresive loads without affecting its sealing capability. Soft-Tef has excellent resistance to creep relaxation and cold flow and is exceptional in sealing damaged and uneven flanges.

Soft-Tef possesses universal resistance against common chemicals, meets FDA requirements, does not corrode, age or become brittle and has an unlimited shelf life. It is also unaffected by UV and ozone conditions.



#### **TECHNICAL INFORMATION**

pH Value0-14 (All fluids except elemental flurorine & molten alkali metals)PressureFrom vacuum to 3,000psiColourWhiteFlammabilityWill not burnBacteriaWill not support	
Colour White   Flammability Will not burn	
Flammability Will not burn	
Bacteria Will not support	
Compressibility 66% (ASTM F-36)	
Recovery 16% (ASTM F-36)	
Creep Relaxation 38% (ASTM F-38)	
Tolerance 1.5mm ± 0.5mm, 3.0mm ± 0.25mm	
Specific Gravity $0.85 \pm 0.04$	
Sealability 0.16 (millititres/hr leakage 60 psig/4 bar- nitrogen gas (ASTM F-37-B)	
FDA Meets requirements (FDA 21 CFR177, 1550)	
MSDS Available upon request	

#### **AVAILABLE SIZES**

STANDARD THICKNESS	0.5mm, 1.5mm, 3mm, 6mm
STANDARD SHEET SIZE	1500 x 1500mm (2000 x 2000mm available special manufacture)



#### **APPLICATIONS**

Soft-Tef is so versatile because of its capabilities to handle nearly all liquid and gases. It is usually used throughout the Phamamceutical, Chemical Manufacturing, Food & Beverage, Distilling, Marine, Pulp and Paper processing, Power Generation, Cryogenics and Petrochemical industries.

Soft-Tef is incomparable in sealing fragile flanges, FRP, Plastic, Porcelin and glass lined piping or vessels due to its low compressive load to seal.

## www.industrialgaskets.com.au

Whilst every effort has been made to supply accurate information this specification should be used as a guide only. IG reserves the right to make specification changes without notice or without incurring liability.

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