



DATA SHEET

UNITEF6040

DESCRIPTION

Unitef6040 is a modified PTFE sheet containing Barium Sulphate. A suitable sealing application across the whole Ph range.
Prepared through a unique process rendering excellent action of original fibres eliminating the problems of creep relax and cold-medium occurring in common skived PTFE sheets. Excellent wear , weather and abrasion resistance.

APPLICATIONS

Unitef6040 is superior in handling various corrosive mediums including hydrofluoric acid, alkalis, refrigerants, solvents and chlorine.
Suitable for pressure sensitive and brittle flange connections such as glass, ceramics and plastics, because of its high compressibility.
Ideal for the pharmaceutical, food and non-contamination applications.

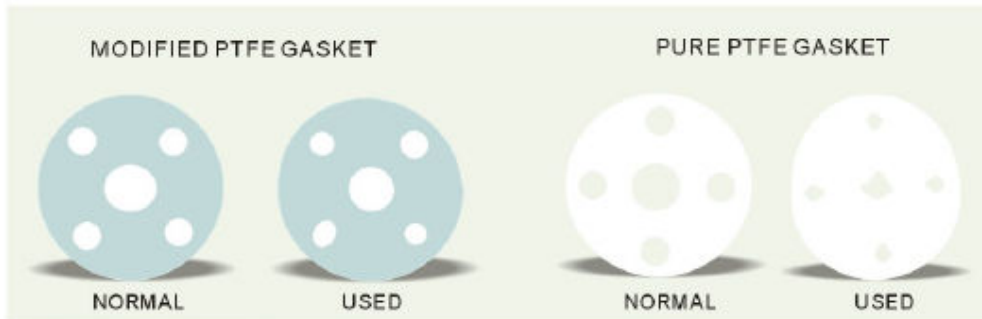
SIZES/AVAILABILITY

Size: 1500mm x 1500mm
Thickness: 1.0mm, 1.5mm, 2.0mm and 3.0mm

PHYSICAL PROPERTIES

Working Pressure	83 bar (1203 psi)
Recovery(ASTM F36A)	40%
pH Value	0-14
Working Temperature	-200°C - 260°C
Compressibility(ASTM F36A)	4 – 10% (at 350 bar)
Creep Relaxation (ASTM F38A)	11%
Leakage (cm ³ /s) (ASTM F37)	< 1 x 10 ⁻⁴ cm ³ /s
Tensile Strength (ASTM)	14 Mpa
Density (DIN28090.1)	2.70 g/cm ³
Colour	Off White

CREEP PORPERTIES COMPARATIVE TABLE



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