



DIRECT GASKETS LIMITED
UNITS 26 - 36
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EXPANDED PTFE

DESCRIPTION

Expanded PTFE is white in colour and a very soft material. Virgin PTFE is stretched in multiple directions and expanded using no fillers, colours, pigments, oil, ink or adhesive and is 100% pure.

SERVICE

This material can easily conform to any irregular flange face, even sealing scored flanges. When in situ Expanded PTFE doesn't even require an increase in bolt load to seal these uneven flanges. Extremely easy to cut, flexible, versatile and perfect for use sealing against sensitive materials like glass.

Max recommended temperatures : -240°C to +310°C

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply to all thicknesses.

APPROVALS/COMPLIANCE

Food Safe FDA 21 CFR 177.1550

BAM Oxygen

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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TYPICAL PHYSICAL PROPERTIES EXPANDED PTFE

PROPERTY	METHOD	SPECIFICATION
Compressibility	ASTM F36	72.6%
Creep Relaxation	ASTM F38	31.0%
Matrix Tensile Strength		5000 - 6800 psi
Recovery	ASTM F36	41%
Specific Gravity	ASTM D792	0.55 - 0.65

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