

Gasket Man cc

Data Specifications Sheet

PTFE (Polytetrafluoroethelyne)

PTFE is a soft, low friction fluoropolymer with outstanding chemical resistance and weathering resistance.

Applications

Bearings and bushings
Seals
Valve
Pumps
Manifolds
Semiconductor equipment

Advantages

Outstanding chemical resistance
Extremely low friction
Soft and formable
Good bearing and wear properties
Good weathering resistance
Performs well at elevated temperatures
FDA compliant grades available

Physical Properties / Technical Data

The information represents typical values which can vary according to the application. These values do not constitute a performance guarantee. Users should determine, prior to use , the suitability of this material for their particular application.

Tensile strength	1,500-3,000 psi
Flexural modulus	72,000 psi
Heat deflection temperature @66 psi	120°C
continuous service temperature in air	260°C
Water absorption (immersion 24 hours)	<0.01%
Coefficient of friction (dynamic)	0.10

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Should you require any more information
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