



PANACEA® 1475 Special Elastomeric Gasket Compound

TFE-P Copolymer Fluoroelastomer

- 1475 is based on the Monomers Tetrafluoroethylene (TFE) and Propylene (P).
- Differs greatly from other Fluorocarbon elastomers: it does not contain Hexafluoropropylene or Vinylidene Fluoride in the basic polymer structure.
- Provides long-term service life at temperatures up to 400°F / 204.4°C and can be utilized in shorter-term service up to 600°F / 315.6°C.
- Excels in higher pH environments, certain types of Polar Solvents, and varieties of acids, alkalis, and oils.
- Gasketing for Electrolytic Cells in Chlor-Alkali and Chlorate should be prime considerations.
- 1475 has excellent Compression Set, yielding long-term, long-lasting leakproof seals.
- Prince has recently developed molded 1475-*M*, complete with easy-to-seal ribs.
 - Current sizes include: Full-Face ANSI 150-lb Gaskets; 1", 2", 3", 4"
 - More sizes will be available soon.



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Physical Properties	ASTM	1475 TFE-P(M) Molded Gaskets	1475 TFE-P Sheet
Hardness, Shore A	D2240	77 ± 5	75 ± 5
Tensile Strength	D412	2600 psi 17.93 MPa	2600 psi 17.93 MPa
Elongation	D412	218%	210%
100% Modulus	D412	1650 psi 11.38 MPa	1650 psi 11.38 MPa
Specific Gravity	D792	1.56	1.56
Glass Transition Temperature	STP1249	3°C / 37°F	3°C / 37°F
Compression Set			
70 Hr @ 100°C, %	D395-89	27	40



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