Prince has developed over a period of years a PTFE Gasketing Compound with bead reinforcing displaying light flange loading in temperatures from -300°F up to 500°F. This compound displays a low creep factor under pressure and further is easy to remove from flanges. The bead reinforcing enables PT-G White gaskets to maintain a seal, whereas standard PTFE sheet material tends to creep away from flange loading, and then leak. Resistance to permanent set is another one of its desired traits together with ease in formability on uneven or warped flanged faces.
Panacea® PT-G White

General Data

Physical Properties
- Tensile Strength (PSI) 1/16” Thickness 2200
- Compressibility (% ASTM F36) 10-16
- Recovery (ASTM F36 % Minimum) 35
- Sealability (Milliliters/hr.) 0.01
- Elongation (% ASTM D4745) 240
- Modulus @ 100% Elongation 1600
- Specific Gravity (ASTM D 792) 2.21
- Hardness (Shore “D”) 61
- Temperature -350° F to 500° F

“(M)” Factor
- 1/8” Thickness 2.00
- 1/16” Thickness 2.75

“(Y)” Factor
- 1/8” Thickness 1800
- 1/16” Thickness 4000

Flammability
- Will Not Burn

Bacterial Growth
- Will Not Support

- Additional data and chemical compatibility information available
- General data is meant as a relative guide to determine the use of PT-G White. Individual testing of actual conditions is recommended.
- When PT-G White is to be used in liquid oxygen service specify for L.O.X. service.

Compression Analysis

<table>
<thead>
<tr>
<th>PSI Clamping Force</th>
<th>PT-G White</th>
<th>PTFE with 25% Glass Filler</th>
<th>Virgin T.F.E</th>
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ABOVE FIGURES REFLECT THE AMOUNT OF DEFLECTION AND COLD-FLOW ON A COMPARATIVE BASIS OF THE THREE TESTED MATERIALS. ALL MATERIALS WERE NOMINAL 1/8” THICK AND WERE TESTED AT ROOM TEMPERATURE.

COMPRESSION FIGURES ARE IN INCHES.