

## PERFORMANCE DATA

TEMPERATURE, MINIMUM TO MAXIMUM	-350°F to +500°F (-212°C to +260°C)*
PRESSURE, MAXIMUM	1200 psi; (82.7 bar); (8.27 MPa); (84.4 kg/cm <sup>2</sup> )*
TENSILE STRENGTH (ASTM F152)	2150 psi (15 MPa) Typical
COMPRESSIBILITY, ASTM F36A	10% Typical
RECOVERY, ASTM F36A	41% Typical
CREEP RELAXATION, ASTM F38B	35% Typical
GAS PERMEABILITY, ml/min DIN	0.00% Typical
DENSITY	137 lbs/ft <sup>3</sup> ; (2.19 g/cc) Typical
pH RANGE AT AMBIENT TEMPERATURE	0 to 14**

### Availability

60" x 60" (152 x 152 cm) sheets with 1/32" (.79 mm), 1/16" (1.59 mm), 1/8" (3.18 mm) thicknesses.

Approximate weight: 214 lbs (97 kgs) based on 1/16" (1.59 mm) thick sheet.

### Bolt Torque Information

"M" Gasket Factor 3.0 for all thicknesses  
 "Y" Gasket Factor 3500 psi (24.1 MPa) for all thicknesses

The M and Y gasket factors will not guarantee the performance of the gasket. The gasket factors are currently being reviewed by ASME as to their utility. This Product Specification Sheet will be updated by UTEX pending ASME completion.

Reference UTEX Technical Specification 001 (UTS-001) for information regarding recommended bolt load and torque for gasket applications.

### Note

\* Contact UTEX Industries for gasket design parameters when service conditions approach maximum gasket specifications.

\*\* The pH range should only be used as a guide and not as a basis for chemical compatibility.

Sheet is a fawn color, PTFE composite compression sheet. Possesses outstanding chemical resistance and seals better than conventional PTFE gaskets. Reduces creep relaxation, cold flow problems, and retains bolt torque loads better than conventional PTFE. Meets FDA specifications.

### Compatibility

*Suitable for wet steam, gases, water, inorganic salt solutions, organic acids, alkalis, hydrocarbons, oils and greases, aliphatic alcohols, esters and ketones, heat transfer oils, and other applications. Not suitable for molten alkali metals, fluorine gas, and hydrogen fluoride. Consult UTEX for specific services.*

### Applications

*Recommended for gasket and other static applications. Has excellent compressibility properties and resistance to chemicals.*

# Style 1158

