

## 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)	1250 psi (8.6 MPa) Typical
COMPRESSIBILITY, ASTM F36A	34% Typical
RECOVERY, ASTM F36A	23% Minimum
CREEP RELAXATION, ASTM F38B	42% Typical
GAS PERMEABILITY	0.01 ml/min. Typical
pH RANGE AT AMBIENT TEMPERATURE	0 to 14**
DENSITY	114 lbs/ft <sup>3</sup> ; (1.83 g/cc) Typical

### Availability

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

Approximate weight: 178 lbs (80.7 kgs) per sheet based on 1/16" (1.59 mm) thickness.

### Bolt Torque Information

"M" Gasket Factor      2.5 for all thicknesses  
 "Y" Gasket Factor      3000 psi (20.7 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.

An off white color PTFE composite compression sheet. Possesses outstanding chemical resistance and freedom from pigmentation. Utilizes a unique surface layer providing enhanced compressibility and sealing characteristics, especially for glass and glass-lined flanges. Meets FDA specifications.

### Compatibility

*Suitable for wet steam, gases, water, inorganic salt solutions, organic acids, alkalies, hydrocarbons, oils and greases, aliphatic alcohols, esters and ketones, and heat transfer oil applications. Not suitable for molten alkaline metals, fluorine gas, and hydrogen fluoride.*

### Applications

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

# Style 1159

