



DX 990wi nbr

Style DX 990 wi is a high quality, premium grade, wire inserted, compressed sheet, manufactured with synthetic fibers and an NBR binder. Recommended for use in sealing against oils, solvents, fuels, mild acids and alkalis, in service conditions up to 750°F.

- **Synthetic fiber & carbon steel mesh**
- **60" x 60" and 60" x 120"**
- **Designed for elevated pressures**

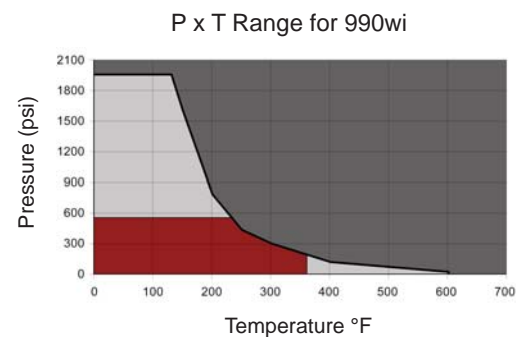
DX 990wi Physical Properties

Color	Graphite
Density (lbs/cubic ft)	112 lbs/ft ³
Maximum Service Temperature	750°F / 398°C
Recommended Maximum Continuous Temperature*	500°F / 260°C
Maximum Service Pressure*	2030 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	7-15%
Recovery ASTM F36A	50% minimum
Creep Relaxation ASTM F38B	20% max
Thickness Increase (max%) ASTM F146 (ASTM Oil #3)	8% max
Weight Increase (max%) ASTM F146 (ASTM Oil Fuel B)	15% max
Thickness Increase (max%) ASTM F146 (ASTM Oil Fuel B)	15% max
ASTM F104 Line Call out	F712112B3E11M7

DX 990wi P x T = 500,000 (for 1/16")

P x T, or pressure times temperature, is used to help determine the suitability of a gasket material in a given application. Using only temperature or pressure figures can be misleading. Maximum temperature and pressure represent maximum values and should not be used simultaneously. They should be used only as guidance, since other variables, such as installation procedures and loading values also determine performance. Use the chart at the right to check the suitability of **DX 990wi** in your application by considering the combination of pressure and temperature.

- **Desired Range:** If P x T falls within this area, it is recommended for use.
- **Consult Engineering:** If the P x T falls within this area, please consult engineering.
- **Not Recommended:** If the P x T falls within this area, it is not recommended for use.



* Physical properties and values shown are typical. Specific application data should be evaluated for suitability, through independent study. For specific application recommendations consult DXSeal. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice.