



- Recommended for steam
- Excellent thermal stability
- 800°F continuous

## DX 347c steam seal

Sealing steam requires a gasket material that has superior thermal stability, like those properties in **DX 347c**. Developed to perform in both saturated and superheated steam applications, where thermal cycling is the norm. The NBR binder combined with inorganic fibers, also makes it suitable for sealing against ethanol, petroleum derivatives, and various chemical products and services with elevated temperatures. **DX 347c** is also available with a carbon steel wire mesh reinforcement. Standard sheet sizes are 59" x 63" or 59" x 126", ranging from 1/64" to 1/8" in thickness.

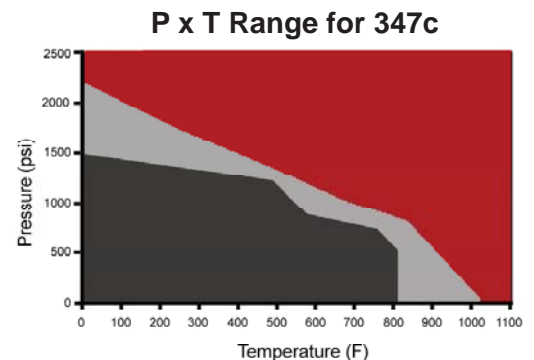
### DX 347c Physical Properties

Color	Black
Density (lbs/cubic ft)	100 lbs/ft <sup>3</sup>
Maximum Service Temperature	1000°F / 537°C
Recommended Maximum Continuous Temperature*	800°F / 426°C
Maximum Continuous Service Pressure*	1480 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	7-17%
Recovery ASTM F36A	40% minimum
Torque Retention DIN52913	6230 psi
Tensile Strength ASTM F152	1305 psi

### Combined Pressure and Temperature

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 347c** 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.