

Coseal 2707

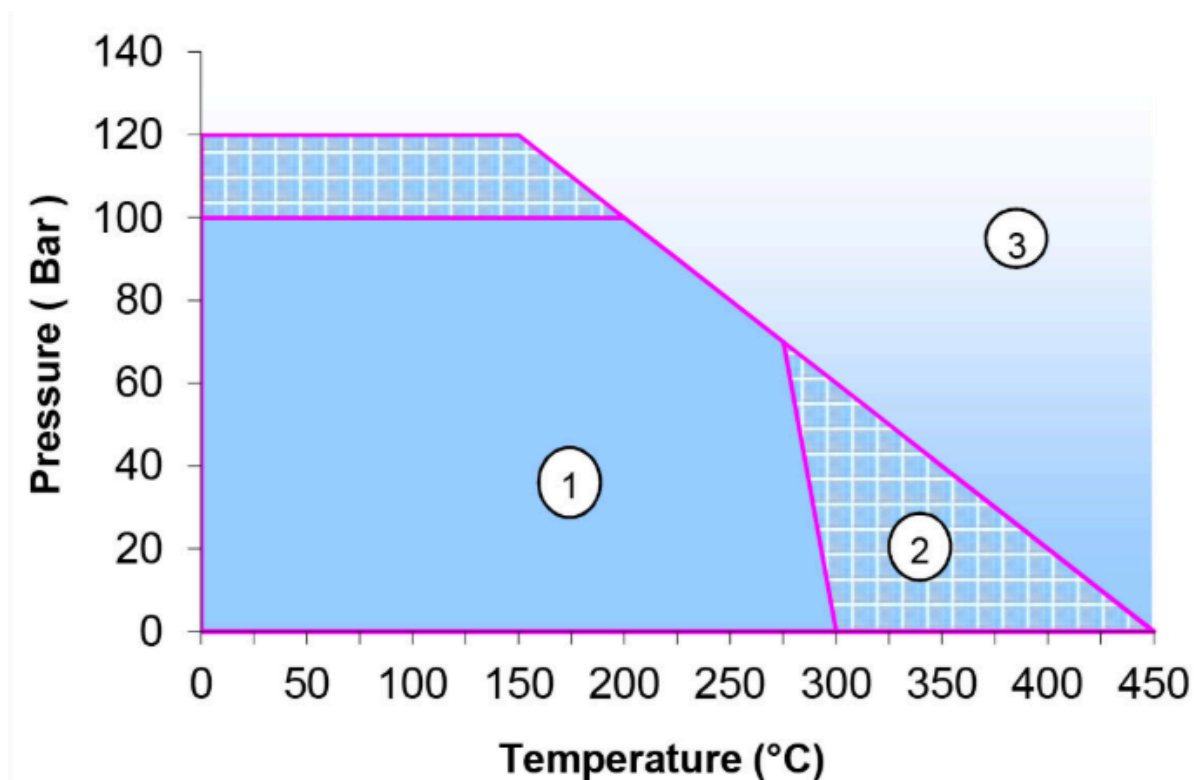
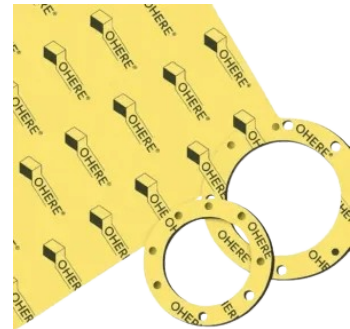
Basis

Advanced composite gasket material formulated with aramid fiber, glass fiber, and inorganic fillers, bonded with a high-performance NBR binder system.

Application

Engineered for high-stress applications involving:

- Petroleum-based fluids (oils, fuels, lubricants, hydrocarbons)
- Industrial process media (alcohols, cooling liquids)
- Steam and water systems
- Compressed gas applications



Area of Application

1. **Suitable:** Suitable when chemical compatibility is verified
2. **Conditionally Suitable:** Consultation recommended for marginal applications

The information and recommendations provided on this website are based on our best knowledge and expertise. However, due to the vast range of potential installation and operating conditions, we cannot guarantee the performance of a gasket joint in every application. Therefore, the content should be treated as a general guideline rather than a definitive conclusion.

3. **Not Recommended:** Installation prohibited without comprehensive technical assessment

Parameter	Standard	Coseal 2707	Units
Max. Peak Temperature		450	°C
Max Operating Temperature		295	°C
Max. Operating Pressure		120	bar
Density	ASTM F 1315	1.70-1.9	g/cm ³
Compressibility	ASTM F 36 J	5-15.0	%
Recovery	ASTM F 36 J	≥ 45.0	%
Tensile Strength	ASTM F 152	≥ 10.0	N/mm ²
Gas Permeability	BS 7531	≤ 1.0	ml/min.
ASTM oil no.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Water (5h, 100°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Stress Relaxation (16h X 175°C 2.00mm)	DIN 52913	≥ 25.0	MPA
Flexibility	BS 7531	No Sign of Cracks	
Colour		Yellow	