

Coseal 2710

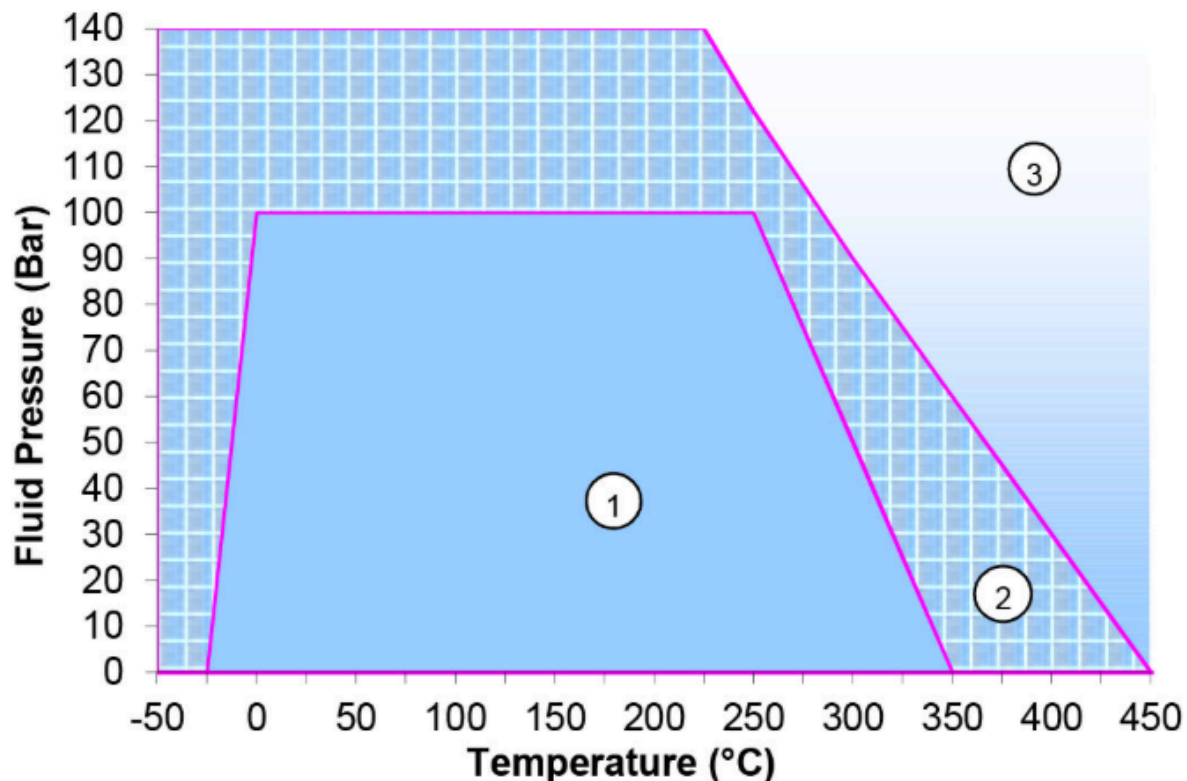
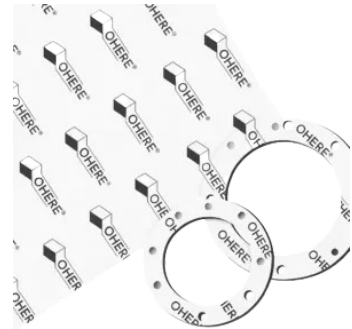
Basis

High-performance composite gasket material engineered with aramid fiber, glass fiber, and rockwool, bonded with a high-viscosity NBR binder for exceptional thermal stability and sealing performance.

Application

Designed for extreme temperature applications ranging from sub-zero to high-temperature environments, offering:

- **Superior Fluid Resistance:** Excellent performance with steam, water, oils, and hydrocarbons
- **Gas Sealing:** Exceptionally low permeability for reliable gas containment
- **Thermal Versatility:** Maintains integrity across wide temperature fluctuations



Area of Application

1. **Suitable:** Suitable when chemical compatibility is verified

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.

2. **Conditionally Suitable:** Consultation recommended for marginal applications
3. **Not Recommended:** Installation prohibited without comprehensive technical assessment

Parameter	Standard	Coseal 2710	Units
Max. Peak Temperature		450	°C
Max Operating Temperature		345	°C
Max. Operating Pressure		140	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	≥ 40.0	%
Tensile Strength	ASTM F 152	≥ 10.0	N/mm ²
Gas Permeability	BS 7531	≤ 0.5	ml/min.
ASTM oil no.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 5.0	%
Weight Increase		≤ 10.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 5.0	%
Weight Increase		≤ 13.0	%
Water (5h, 100°C)	ASTM F 146		
Thickness Increase		≤ 5.0	%
Weight Increase		≤ 5.0	%
Stress Relaxation (16h X 175°C 2.00mm)	DIN 52913	≥ 28.0	MPA
Colour		White	