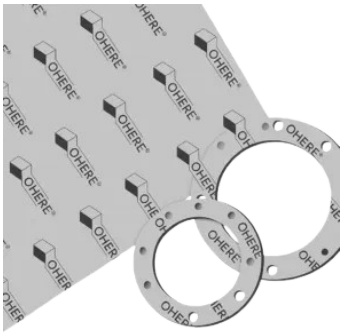
Coseal 2711

Basis

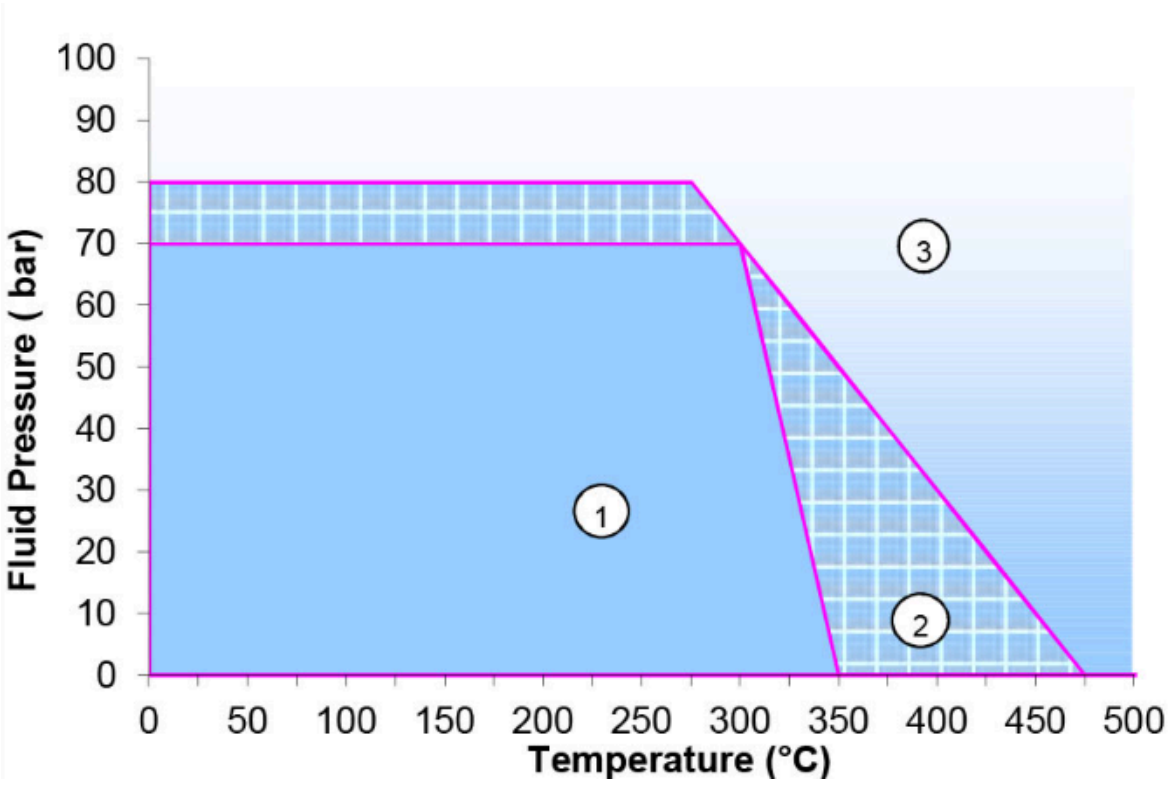


Advanced high-temperature gasket material engineered with carbon fiber, aramid fiber, and heat-resistant elastomers, bonded with a specialized NBR binder system for exceptional thermal performance.

Application

Premium sealing solution specifically designed for demanding chemical industry applications, featuring:

- **Extreme Heat Resistance**: Optimized for superheated steam service
- **Chemical Processing**: Engineered for rigorous industrial environments
- **High-Performance Sealing:** Reliable performance under sustained elevated temperatures



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 2711	Units
Max. Peak Temperature		480	°C
Max Operating Temperature		345	°C
Max. Operating Pressure		80	bar
Density	ASTM F 1315	1.70-1.9	g/cm_3
Compressibility	ASTM F 36 J	7-17.0	%
Recovery	ASTM F 36 J	≥ 35.0	%
Tensile Strength	ASTM F 152	≥ 7.0	N/mm_2
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	≥ 18.0	MPA
Colour		Grey	