

Coseal 2705

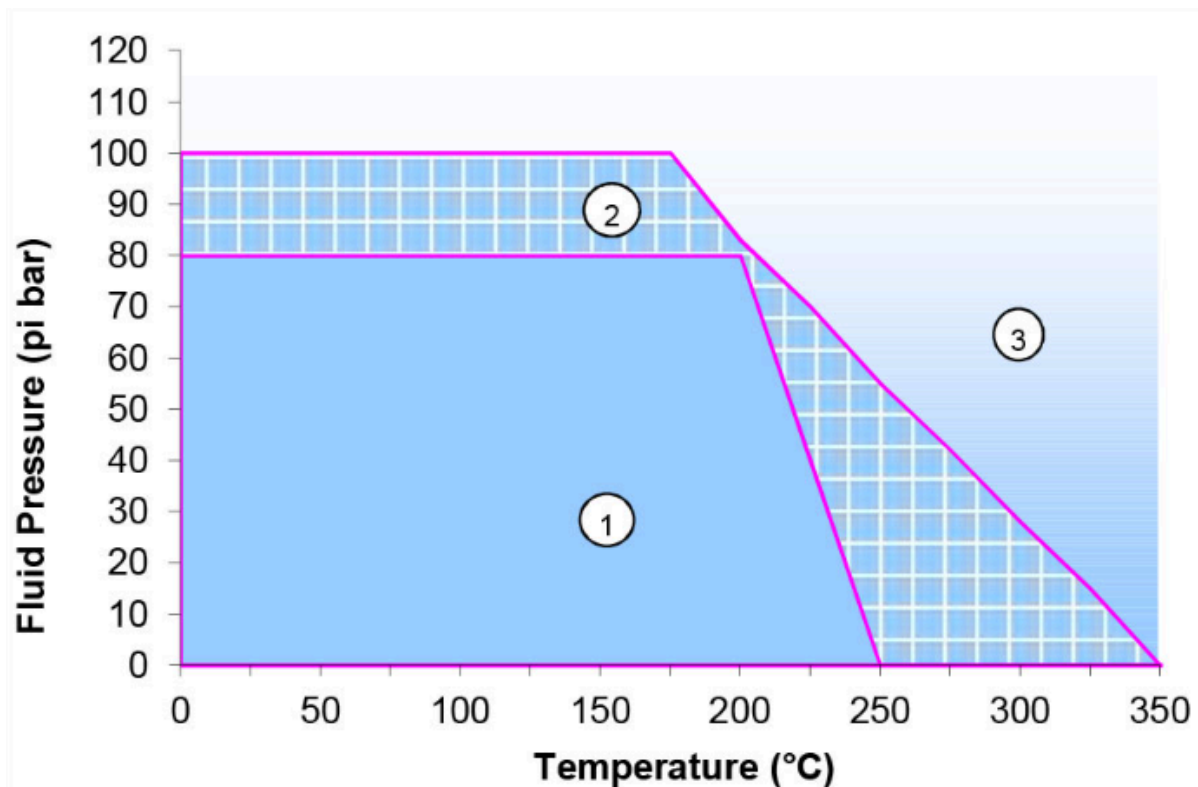
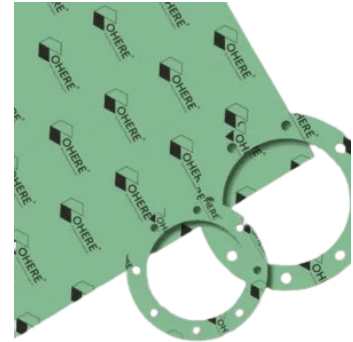
Basis

Premium gasket material composed of high-strength aramid fibers and inorganic fillers bonded with NBR binder technology.

Application

Engineered for medium-stress service in diverse applications including:

Petroleum products (fuels, lubricants, hydrocarbons), Industrial fluids (cooling liquids, alcohols), Process media (steam, water, diluted acids/alkalies), Compressed gas systems.



Area of application

1. **Suitable:** Recommended where chemical compatibility is confirmed
2. **Conditionally Suitable:** Requires technical validation before application
3. **Not Recommended:** Strictly prohibited without expert evaluation

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.

Parameter	Standard	Coseal 2705	Units
Max. Peak Temperature		350	°C
Max Operating Temperature		245	°C
Max. Operating Pressure		100	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	≥ 16.0	MPA
Colour		Green	