Coseal 2708

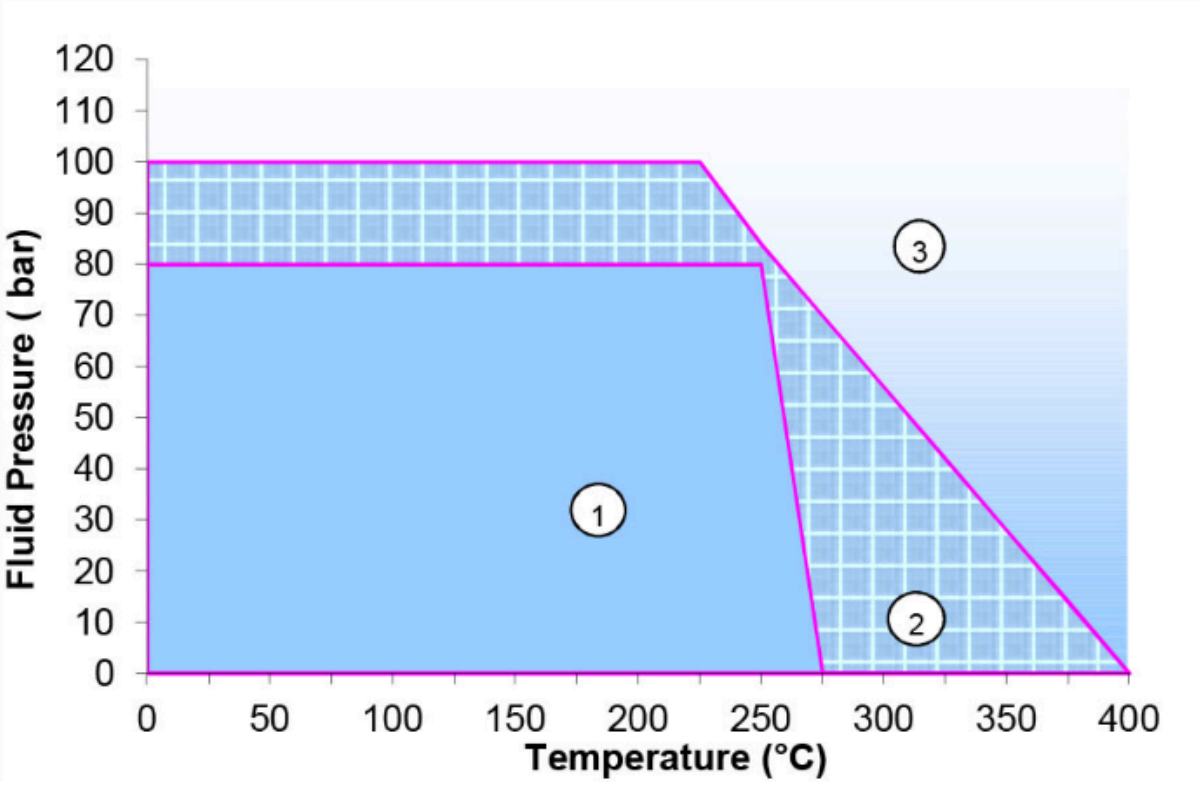
Basis

High-performance gasket material engineered with aramid fiber, organic fiber, and NBR binder for superior flexibility and chemical resistance.

Application

Ideal for medium-stress applications with temperature and pressure fluctuations, including:

- Petroleum products: Oils, fuels, lubricants, hydrocarbons
- Industrial fluids: Alcohols, cooling liquids, steam, water
- Chemical media: Most diluted acids and alkalis
- Gas systems: Various industrial gases



Area of Application

1. **Suitable:** Suitable when chemical compatibility is verified
2. **Conditionally Suitable:** Consultation recommended for marginal applications
3. **Not Recommended**: Installation prohibited without comprehensive technical assessment

Parameter	Standard	Coseal 2708	Units
Max. Peak Temperature		400	°C
Max Operating Temperature		270	°C
Max. Operating Pressure		100	bar
Density	ASTM F 1315	1.70-1.9	g/cm3
Compressibility	ASTM F 36 J	7-17.0	%
Recovery	ASTM F 36 J	≥ 45.0	%
Tensile Strength	ASTM F 152	≥ 10.0	N/mm2
Gas Permeability	BS 7531	≤ 1.0	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		≤ 6.0	%
Weight Increase		≤ 13.0	%
Water (5h, 100°C)	ASTM F 146		
Thickness Increase		≤ 5.0	%
Weight Increase		≤ 11.0	%
Stress Relaxation (16h X 175°C 2.00mm)	DIN 52913	≥ 18.0	MPA
Colour		Dark Blue	