

Coseal 2706

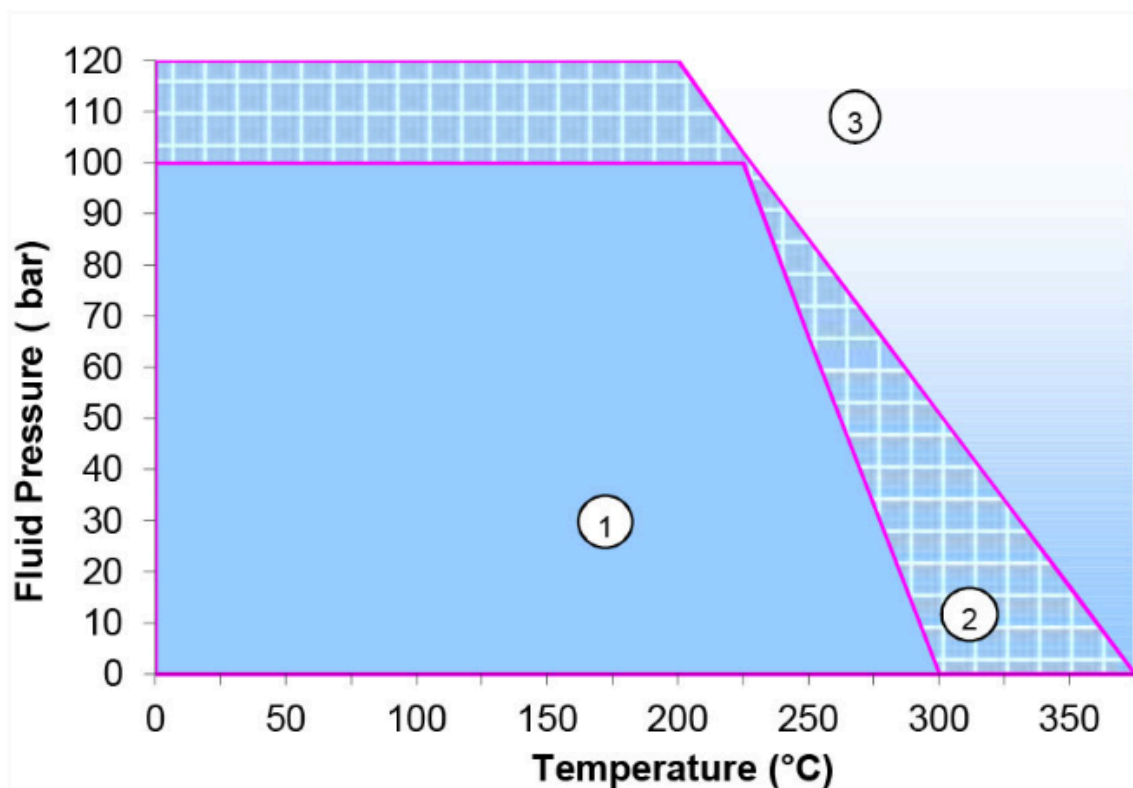
Basis

High-performance gasket material formulated with aramid fiber, organic fiber, and NBR binder, reinforced with steel wire for enhanced durability.

Application

Premium metal-reinforced grade engineered for medium-stress applications in:

Petroleum systems (oils, fuels, lubricants, hydrocarbons), Process fluids (alcohols, cooling liquids, diluted acids/alkalies), Steam and water systems, Industrial gas 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.

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 2706	Units
Max. Peak Temperature		375	°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	7-17.0	%
Recovery	ASTM F 36 J	≥ 35.0	%
Tensile Strength	ASTM F 152	≥ 10.0	N/mm ²
ASTM oil no.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 14.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 14.0	%
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	≥ 20.0	MPA
Colour		Grey	