

Technical Data Sheet

EWP 408

Material description

Gasket material, based on organic and anorganic fibers with NBR binder and mineral fillers. Good oil and fuel in combination with good compressive strength and high tensile strength.

Colour: light grey

Application

EWP 408 is primarily used as sealing against cold and hot oils, fuels and coolants with corrosion inhibitors and antifreeze additives. Typical applications are intake manifold, water pump, fuel pump, oil pan and housing cover.

Max. temperature: 200 °C
Max. pressure: 30 bar

Physical Properties

Density DIN 28090-2		g/cm ³	1,55 ± 0,1
Loss on ignition DIN 52911		%	≤ 38
Compressibility ASTM F36 J		%	15 ± 4
Recovery ASTM F36 J		%	≥ 50
Tensile strength, amd DIN 52910		N/mm ²	≥ 10
Compressive strength DIN 52913 (50 N/mm ² 16h / 160°C)		N/mm ²	≥ 30
Media resistance			
IRM-Öil 903 (5h / 150 °C)	Thickness increase	%	≤ 10
	Weight increase	%	≤ 20
ASTM-FUEL B (5h / 23 ± 2 °C)	Thickness increase	%	≤ 15
	Weight increase	%	≤ 25
Water - Glycol (1 : 1 , 5h Rf)	Thickness increase	%	≤ 25
	Weight increase	%	≤ 35

Availability

EWP 408 is available as finished gasket according to drawing, as sheet, or as roll.

Standard thicknesses [mm]	0,30	0,50	0,75	1,00	1,50
	± 0,05	± 0,10	± 0,10	± 0,10	± 0,15

Special thicknesses upon request.