

Technical Datasheet

EWP 215 – Sealing material for intake manifold, water and fuel pumps, oil pan and housing cover



Description

Gasket material, based on aramide fibers with NBR binder. Excellent oil and fuel resistance combined with good stress relaxation and high tensile strength.

Technical data

Thickness	≤ 0,5 mm	≥ 0,5 mm
Density DIN 53105 Tl. 1	1,65 g/cm ³ ± 0,1	1,65 g/cm ³ ± 0,1
Ignition loss DIN 52911	≤ 38%	≤ 38%
Compressibility ASTM F36 J	9% ± 4	9% ± 4
Recovery ASTM F36 J	≥ 45%	≥ 45%
Tensile strength, cross grain, DIN 52910	≥ 12 N/mm ²	≥ 12 N/mm ²
Stress relaxation DIN 52913 (50 N/mm ² , 16 h/300°C)		≥ 22 N/mm ²
Media resistance		
ASTM Oil no. 3 (5 h/150°C)		
Thickness increase	≤ 10%	≤ 10%
Weight increase	≤ 15%	≤ 15%
ASTM-Fuel B (5 h/23 ± 2°C)		
Thickness increase	≤ 12%	≤ 12%
Weight increase	≤ 15%	≤ 15%
Wasser – Glykol (1:1, 5 h Rf)		
Thickness increase	≤ 10%	≤ 10%
Weight increase	≤ 17%	≤ 17%

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Application

EWP 215 is primarily used as sealing against cold and hot oils, fuels and coolants with corrosion inhibitors and antifrost additives.

Typical applications are intake manifold, water and fuel pump, oil pan and housing cover.

Color	green
Max. temperature	400°C (in oil max. 200°C)
Max. pressure	100 bar

Form of supply

EWP 215 can be supplied as a ready to install gasket according to drawing or as a sheet product.

The information given in this data sheet has been compiled based upon our extensive experience. However, specific characteristics are not guaranteed nor is any liability undertaken, since sealing can only be successful if the particular circumstances of each individual case are taken into account.



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