

# Technical Datasheet

## EWP 207 – Gasket material for oil plans, valve covers, gearboxes and housing covers



### Description

EWP 207 is a gasket material based on synthetic organic fibers with NBR binder.

EWP 207 is very resistant to oil and fuels.

### Technical data

Thickness	≤ 0.5 mm	> 0.5 mm
Density DIN 3754	1.7 g/cm <sup>3</sup> ± 0.1	1.7 g/cm <sup>3</sup> ± 0.1
Ignition loss DIN 52911	≤ 35%	≤ 35%
Compressibility ASTM F36 J	9% ± 4	9% ± 4
Recovery ASTM F36 J	≥ 45%	≥ 45%
Tensile strength, cross grain, DIN 52910	≥ 6 N/mm <sup>2</sup>	≥ 7 N/mm <sup>2</sup>
Stress relaxation DIN 52913 (50 N/mm <sup>2</sup> , 16h/200°C)		≥ 15 N/mm <sup>2</sup>
<b>Media resistance</b>		
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ASTM oil no. 3 (5h/150°C)		
Thickness increase	≤ 15%	≤ 15%
Weight increase	≤ 20%	≤ 20%
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ASTM fuel B (5h/23 ± 2°C)		
Thickness increase	≤ 15%	≤ 15%
Weight increase	≤ 15%	≤ 15%
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Water – glycol (1:1, 5h Rf)		
Thickness increase	≤ 15%	≤ 15%
Weight increase	≤ 15%	≤ 15%

# Elring Gasket Material EWP 207



## ***Application***

EWP 207 is primarily used as sealing against cold and hot oils, greases, fuels and coolants with corrosion inhibitors and antifrost additives. Typical applications are oil pans, valve covers, gearboxes and housing covers.

Color	dark gray
Max. temperature	200°C
Max. pressure	50 bar

## ***Form of supply***

EWP 207 is available as finished gasket according to drawing or as sheet material.



Das Original

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