

# EWP-407

## Description

EWP-407 is based on a blend of inorganic and organic fibers with NBR rubber binder. It has very good oil and fuel resistance combined with good crush resistance and excellent sealability. It is mainly used to seal oils, fuels and coolants. Typical applications include intake manifold, water and fuel pump, oil pan and housing cover gaskets. Specification values are for 1,50 mm thickness (laminated) only.



## 1. Specification Properties

| Property                     | Value            | Method      |
|------------------------------|------------------|-------------|
| Density                      | 1,25 - 1,50 g/cc | ASTM F 1315 |
| Compressibility (at 34.5MPa) | 15 - 25 %        | ASTM F 36   |
| Recovery                     | min. 45%         | ASTM F 36   |
| Tensile Strength             | min. 8 MPA       | ASTM F 152  |

## 2. Fluid Resistance (Method ASTM F 146)

| Fluid         | Temperature [°C] | Change in     | Variation from initial value [%] |
|---------------|------------------|---------------|----------------------------------|
|               |                  |               | 5 h                              |
| Oil           | 150              | Thickness (%) | max. 10                          |
|               | 150              | Weight (%)    | max. 30                          |
| Fuel          | 25               | Thickness (%) | max. 10                          |
|               | 25               | Weight (%)    | max. 30                          |
| Water/Coolant | BP               | Thickness (%) | max. 30                          |
|               | BP               | Weight (%)    | max. 50                          |

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