

# EWP 510 (RCT2)

## Description and applications

EWP 510 is based on NBR-bound inorganic and organic fibers. The sealing material has very good oil and fuel resistance, combined with a high tensile strength. It is mainly used to seal oils, greases, fuels and coolants. Typical application areas include intake manifolds, water and fuel pumps, oil sumps and housing cover gaskets. The material has an RCT2 non-stick coating on both sides.



## 1. General product information

<b>Colour</b>	grey
<b>Min. temperature</b>	-40 °C (-40 °F)
<b>Max. temperature</b>	190 °C (375 °F)
<b>Max. pressure</b>	20 bar

## 2. Technical data

### 2.1 General properties

Measured variable	Value	Test standard
<b>Thickness</b>	> 0,5 mm	
<b>Density</b>	1,36 g/cm³ ± 0,1	ASTM F 1315
<b>Compressibility</b>	15 % ± 5	ASTM F36 J
<b>Recovery</b>	≥ 50 %	ASTM F36 J
<b>Tensile strength, transverse</b>	≥ 10,34 N/mm²	ASTM F 152

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## 2.2 Media resistance

Medium	Property	Temperature [°C]	Variation from initial value [%]
			5h
IRM903 Oil (ASTM F 146)	Tensile Strength (%)	150	≤ 40
	Thickness increase (%)	150	≤ 20
	Weight increase (%)	150	≤ 30
	Compressibility (%)	150	≤ 30
FUEL B (ASTM F 146)	Thickness increase (%)	23 ± 2	≤ 20
	Weight increase (%)	23 ± 2	≤ 30

## 3. Delivery form

EWP 510 (RCT2) can be supplied as sheet material as a ready-to-install seal.

Item no.	Dimensions in mm		
	Thickness	Width	Length
B11.850	0,5	1016	400.000