

Softer Neoprene fills out better at low sealing pressure

| | |
|---------------------|------------------------|
| ISO | CR chloroprene rubber |
| Shape | Rolls |
| Color | Black |
| Temperature Range | -20 and 70 °C |
| Density | 1250 kg/m ³ |
| Hardness | 50 Shore A (± 5) |
| Elongation at break | 350 % |
| Tensile strength | 6 N/mm ² |

Material information

Good aging and weather resistance. Suitable for application in oil, greases, dilute non-oxidizing acids, sea and pool water. Slightly more flexible and softer due to lower hardness.

Usage examples

Seals and underlay strips for shipbuilding, construction, contractors, equipment construction, etc.

Processing

This material can be cut to any size or processed into custom products with great precision using our CNC-controlled cutting machine.

Measurement tolerance 7715-P3

| Petrol | Oil | UV | Water | Wear resistance | Acids | Base |
|--------------|-----|----------|-------|-----------------|----------|----------|
| Not suitable | Low | Moderate | Good | Moderate | Moderate | Moderate |

Item Overview

| Item Code | Item Name | Width (mm) | Length (mm) |
|-----------|----------------------------|------------|-------------|
| 10100020 | CR Neopreen 50 Shore 2 mm | 1.400 | 10.000 |
| 10100030 | CR Neopreen 50 Shore 3 mm | 1.400 | 10.000 |
| 10100040 | CR Neopreen 50 Shore 4 mm | 1.400 | 10.000 |
| 10100050 | CR Neopreen 50 Shore 5 mm | 1.400 | 10.000 |
| 10100060 | CR Neopreen 50 Shore 6 mm | 1.400 | 10.000 |
| 10100080 | CR Neopreen 50 Shore 8 mm | 1.400 | 5.000 |
| 10100100 | CR Neopreen 50 Shore 10 mm | 1.400 | 5.000 |

Compression set

[tbl_compressieset_explainer](#)

| Testing Regulation | Duration | Temperature | Difference |
|--------------------|------------|-------------|------------|
| ISO 815 | 22 hour(s) | 70 °C | 35 % |



Veroudering

[tbl ageing explainer](#)

| Testing Regulation | Ageing conditions | Ageing hardness | Ageing strength | Elongation |
|--------------------|----------------------------|-----------------|-----------------|------------|
| DIN 53508 | 70 Duration 70 Temperature | 7 | -10 % | -20 % |

Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

| Group | Minimum temperature | Maximum temperature | Maximum humidity | Shelf life | Extension after inspection |
|-------|---------------------|---------------------|------------------|------------|----------------------------|
| B | 10 °C | 25 °C | 65 % | 7 year | 3 year |

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