

CF03
CR

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CHLOROPRENE 60 SHEETING: FOR TECHNICAL APPLICATIONS

FEATURES

60 Shore A chloroprene.

ADVANTAGES

- Flexible
- Good low temperature resistance
- Good dry-high temperature resistance
- Matte finish to guarantee a good surface finished quality, to secure an easy unrolling, and to facilitate adhesive bonding processes

BENEFITS

- Safety
- Economy

APPLICATIONS


Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with:

- water, sea water
- oils and grease
- mineral oils (maximum temperature + 100 °C)

Non suitable for oxygenated and halogen solvents, aromatic hydrocarbon, mineral and organic acids, washed water.

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

| Measured characteristics | | Standard | Value | |
|--------------------------------------------|------------------------------|-----------|-----------------------|-------------------------------------------------------------------------------------|
| MECHANICAL | | | | |
| Rubber compound - black | | | CR |  |
| Density | | | 1.40 ± 0.05 | g/cm ³ |
| Hardness | ASTM D2240 | | 60 ± 5 | Shore A |
| Tensile strength | ISO 37 | | ≥ 7 | MPa |
| Elongation at break | ISO 37 | | ≥ 250 | % |
| Tear resistance | ISO 34-1 | | ≥ 15 | N/mm |
| Compression set after 22 h at 70 °C | ISO 815-1 | | ≤ 30 | % |
| TEMPERATURE | | | | |
| Working temperature | | | - 25/+ 100 | °C |
| AGEING | | | | |
| Δ Tensile strength after 168 h at 70 °C | | ASTM D573 | ≤ - 15 | % |
| Δ Elongation at break after 168 h at 70 °C | | ASTM D573 | ≤ - 25 | % |
| OIL RESISTANCE | | | | |
| Oil IRM 901, Δ volume after 70 h at 100 °C | | ASTM D471 | ± 15 | % |
| CHEMICAL RESISTANCE | | | | |
| Diluted acids and bases | Concentrated acids and bases | Ozone | Oils and hydrocarbons | |
| Good | Medium | Good | Good | |

DIMENSIONS

| Thickness (mm) | | Width (mm) | | Length (m) | | Weight (kg/m ²) | Sides finish | Option (ply) |
|-------------------|-------|---------------|-------|---------------|-------|--------------------------------|---------------------------|-----------------|
| 1 | ± 0.3 | 1400 | ± 2 % | 20 | ± 2 % | 1.40 | 2 sides matt | |
| 1.5 | ± 0.3 | 1400 | ± 2 % | 15 | ± 2 % | 2.10 | 2 sides matt | |
| 2 | ± 0.3 | 1400 | ± 2 % | 15 | ± 2 % | 2.80 | 2 sides matt | |
| 3 | ± 0.3 | 1400 | ± 2 % | 10 | ± 2 % | 4.20 | 2 sides matt | 1P |
| 4 | ± 0.4 | 1400 | ± 2 % | 10 | ± 2 % | 5.60 | 2 sides matt | 1P |
| 5 | ± 0.4 | 1400 | ± 2 % | 10 | ± 2 % | 7.00 | 1 side smooth/1 side matt | 2P |
| 6 | ± 0.5 | 1400 | ± 2 % | 10 | ± 2 % | 8.40 | 1 side smooth/1 side matt | 2P |
| 8 | ± 0.7 | 1400 | ± 2 % | 5 | ± 2 % | 11.20 | 1 side smooth/1 side matt | |
| 10 | ± 1.0 | 1400 | ± 2 % | 5 | ± 2 % | 14.00 | 1 side smooth/1 side matt | |
| 12 | ± 1.0 | 1400 | ± 2 % | 5 | ± 2 % | 16.80 | 1 side smooth/1 side matt | |
| 15 | ± 1.0 | 1400 | ± 2 % | 5 | ± 2 % | 21.00 | 1 side smooth/1 side matt | |
| 20 | ± 1.4 | 1400 | ± 2 % | 5 | ± 2 % | 28.00 | 1 side smooth/1 side matt | |

IDENTIFICATION

| | |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Branding | Without. |
| Packaging | Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll. |
| Wrapping | Black polyethylene film. |
| Labelling | Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability. |