

CS40

CR SBR



CHLOROPRENE 70 SHEETING FOR TECHNICAL APPLICATIONS

FEATURES

70 Shore A chloroprene.

APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general industrial 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.

ADVANTAGES

- ‡ Flexible
- ‡ Good low temperature resistance
- ‡ Good dry high temperature resistance
- ‡ Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

BENEFITS

- ‡ Safety
- ‡ Economy


MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

| Measured characteristics | | Standard | Value | |
|--|------------------------------|----------|-----------------------|-------------------|
| MECHANICAL | | | | |
| Rubber compound - black | | | CR SBR | I |
| Density | | | 1.45 ±0.05 | g/cm ³ |
| Hardness | ASTM D2240 | | 70 ±5 | Shore A |
| Tensile strength | ISO 37 | | ≥6 | MPa |
| Elongation at break | ISO 37 | | ≥300 | % |
| Compression set after 24h at 70 °C | ISO 815-1 | | ≤35 | % |
| TEMPERATURE | | | | |
| Working temperature | | | -20/+100 | °C |
| AGEING | | | | |
| Δ Hardness after 70h at 70 °C | ASTM D573 | | ≤5 | Shore A |
| Δ Tensile strength after 70h at 70 °C | ASTM D573 | | ≤5 | % |
| Δ Elongation at break after 70h at 70 °C | ASTM D573 | | ≤-15 | % |
| OIL RESISTANCE | | | | |
| Oil IRM 901, Δ volume after 72h at 70 °C | ISO 1817 | | ≤20 | % |
| CHEMICAL RESISTANCE | | | | |
| Diluted acids and bases | Concentrated acids and bases | Ozone | Oils and hydrocarbons | |
| Medium | Non suitable | Medium | Medium | |

IDENTIFICATION

| | |
|-----------|---|
| Branding | Without. |
| Packaging | Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm 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. |

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

| CR SBR | CHLOROPRENE 70 SHEETING | CS40 |  | | |
|-----------------|-------------------------|-------------|---|---------------------------|-----------------|
| THICKNESS mm | WIDTH mm | LENGTH m | WEIGHT kg/m ² | SIDES FINISH | OPTION (ply) |
| 1±0.2 | 1400±2% | 20±2% | 1.56 | 2 SIDES MATT | |
| 1.5±0.25 | 1400±2% | 15±2% | 2.21 | 2 SIDES MATT | |
| 2±0.3 | 1400±2% | 15±2% | 3.12 | 2 SIDES MATT | |
| 2±0.3 | 1400±2% | 15±2% | 3.12 | 2 SIDES MATT | 1P |
| 3±0.3 | 1400±2% | 10±2% | 4.68 | 2 SIDES MATT | |
| 3±0.3 | 1400±2% | 10±2% | 4.68 | 2 SIDES MATT | 1P |
| 3±0.3 | 1400±2% | 10±2% | 4.68 | 2 SIDES MATT | 2P |
| 4±0.4 | 1400±2% | 10±2% | 6.24 | 2 SIDES MATT | |
| 4±0.4 | 1400±2% | 10±2% | 6.06 | 2 SIDES MATT | 2P |
| 5±0.4 | 1400±2% | 10±2% | 7.38 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 5±0.4 | 1400±2% | 10±2% | 7.83 | 1 SIDE SMOOTH/1 SIDE MATT | 2P |
| 6±0.5 | 1400±2% | 10±2% | 8.85 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 8±0.7 | 1400±2% | 5±2% | 11.8 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 10±1.0 | 1400±2% | 5±2% | 14.75 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 12±1.0 | 1400±2% | 5±2% | 17.7 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 15±1.0 | 1400±2% | 5±2% | 22.13 | 1 SIDE SMOOTH/1 SIDE MATT | |
| 20±1.4 | 1400±2% | 5±2% | 29.65 | 1 SIDE SMOOTH/1 SIDE MATT | |

