

# Data Sheet compri-cr (rail) / EN 45545-2

Neopren-tape for rail vehicles according EN45545-2:2013 and UL94 certificate



### **Product Information**

Compri-cr (rail) / EN 45545-2 is a further development of our product Compri-neopren-F, which was enriched by a new recipe with new substances und thereby a higher resistance against fire- and smoke-emission is provided. This article meets the requirements of the European standard EN 45545-2 within the categories HL1, HL2 and HL3 for R22 und R23 easily.

## **Function / Application Area**

This tape is mainly used in the field of the automotive- and rail-vehicles sector.

### **Application Area:**

Smoke gaskets, roof mounting sealings, cavity filters, oscillation isolators, LCD-display-gaskets, lighting covering gaskets and HLK-gaskets.

### **Technical Data EN 45545-2:2013**

Fire protection HL1/HL2/HL3 for R22 and R23 UNI CEI EN 45545-2:2013 Reaction to fire CIT <sub>nlp</sub> 0.68 (R22/HL3) NF X 70-100-1/-2 Oxygen index L.O.I. 32.2% (R22/HL3) ISO 4589-2



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#### **General Technical Data**

Structure closed cells

Colour black

**Dimensions** 

with 1.5 to 50 mm

strength 8 to 950 mm

Temperature range - 30 °C to + 100 °C ASTM D 1056

Linear shrinkage after 7 days to 70 °C < 4 % (max. < 5%) ASTM D 1204

Density 160 +/- 20 kg/m³ ASTM D 3575 / ISO 845-88

Water absorption 2 % to 5 % ASTM D 1056

Tear resistance 0.32 kN/m / 3.2 kg/cm ASTM D 624

Smoke toxicity 84 (R22/HL3) EN ISO 5659-2

Ultimate elongation > 250 % ASTM D 412

Tensile strenght 1050 kPa ASTM D 412

Compression strength

at 25 % deformation 50 kPa ASTM 1056/85

UV resistance very good

Shore hardness 00 55 +/- 5 ASTM D 2240

Peroxide cure no sulfur

This material is available as stripes or rolls.

An adhesive can be applied according to the requirement from the costumer.

This information only relates to the rubber foam material and not to the adhesive or the adhesive property.

All mentioned data are guideline values. A commitment cannot be deducted.



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