

# ASTORflex CR 15320

Foamed CR (Neoprene) Gasket

**ASTORplast**  
SELBSTKLEBETECHNIK



## ASTORflex CR 15320-19

One side self-adhesive, closed cells CR foam, self-extinguishing, with good resistance to chemicals and very good ageing properties, usable as versatile sealing band.

## Product Properties & Applications

- Sealing band and insulation material for machine and appliance construction
- Self-extinguishing, fulfils requirements of FMVSS 302 as of 2 mm
- FMVSS 302: UL94 classification HF1, self-extinguishing
- Very good resistance to chemicals, good ageing properties and temperature resistance
- Available thicknesses: 2, 3, 4, 5, 6, 8, 10, 12, 15 and 20 mm
- Available with one and two side adhesive or non-adhesive, as rolls or die-cut parts

## Technical Data Foam

Foam	closed cells CR (chloroprene rubber) foam
Density DIN 53420	140-180 kg/m <sup>3</sup> / cell size of foam: 0.2 – 1 mm
Temperature resistance	-30°C to + 110°C (short-term 130°C)
Shore Hardness ISO 868-1985	40 +/- 6
Compression hardness ASTM D1056/85	ca. 35-63 kPa (ASTM Hardness 42)
Compression set ISO 1856	20-40% at 23°C / 60-85% at 70°C
Water absorption ASTM D 1056	< 5 vol. %
Linear shrinkage (no norm)	max. 10% after 24 hours @ 70°C at 10 mm thickness
Fire behaviour FMVSS 302	fulfills as of 2 mm
Fire behaviour UL94	HF1 classified
Rebound resilience DIN 53512	45-55%
Tensile strength ISO 1798	> 500 kPa
Elongation at break DIN 53571	> 180%

Chemical resistance: (respective tests are necessary for each application!)

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|----------------------|--|
| - Non-resistant:     | Chlorine, vapour, chlorinated solvents, thinner, conc. acids                     |
| - Limited resistant: | gasoline, heating oil, vaseline, natural gas, hydraulic oils, methanol, acetone  |
| - resistant:         | water, ethanol, acetylene, glycerine, silicon-oils, lubricant-oil, diluted acids |
| - ozone (ISO 1431-3) | crack building level 0 (resistant)   |
| - weathering:        | the foam should not be exposed to extended weathering                            |

## Technical Data Adhesive

Adhesive	Waterborne Acrylate
Temperature Resistance	-40°C up to +100°C
Liner	Siliconised 70 µm LDPE film
Ageing properties	Very good

*All data are single values and are not to be considered as specifications. We recommend to perform own tests to ensure suitability.*