



# Technical Datasheet

## Neoprene Foam

### Closed Cell Cellular Rubber

<b>Elastomer Base</b>	:	Neoprene
<b>Colour</b>	:	Black
<b>Maximum width</b>	:	1000mm
<b>Thickness</b>	:	From 2mm to 40mm
<b>Thickness tolerances</b>	:	2-8mm +/-0,5mm; 10-15mm +/-1mm; 20-40mm +/-2mm
<b>Executions</b>	:	Die-cut, Self adhesive, On strips

Fulfills Following	Norms
ASTM D – 1056 – 79	SCE42 B2 E1
ASTM D – 1056 – 85	2C2 A1 B2 C E1
SAE J – 18	SCE42

### Material properties

Volume weight	:	140 / 180 kg / m <sup>3</sup>
Hardness shore 00	:	38-55 Sh 00
Resistance when compressed	:	25% 350-630 g / cm <sup>2</sup>
Temperature °C (continuous/peak)	:	-40° + 85° / 100°
Water absorption (volume)	:	< 5%
Linear shrinkage (22 hr 70°C)	:	< 5%
Maximum deformation when compressed	:	25%, 22 hrs at 70°C 12%
Recommended max. compression	:	25%

### Specific characteristics

Resistance to wear	Good
Resistance to cold	Good
Resistance to air and ozone	Good
Staining: white sealing wax / plast	Not
Resistance to mineral oils	Good
Resistance to vegetable oils	Good
Resistance to acids	Good
Resistance to caustic solution	Good
Resistance to alifates	Medium
Resistance to aromates	Not
Resistance to chlorine solutions	Good
Resistance to cetonic solutions	Not
Flame Retardancy (1)	[UL94 HBF (not approved by UL organisation)] FMVSS 302 cat. 1 - B
Flame Retardancy (2)	Self extinguishing

*The information on this sheet has been compiled from the results of various test data. This publication however, cannot be considered as a commitment or as a written guarantee.*

*The information presented cannot replace the necessity of serious testing of the product in its actual application.*