

## Rubber compounds and Applications

- Maximum dimensions with Rubber:  
High 150mm, Width 300mm (max. ~ 10 000g/m)

- All of our compounds are black due to the way of vulcanization method.

Grade	Hardness (ShA)	FDA Applicable	Temperature Range (°C)	General Applications
EPDM	45 - 90	-	-40 ... +100	Due to its long lifespan and excellent weather, thermal and chemical resistant qualities, EPDM is the most widely used material in sealing solutions.
EPDM Antistat	80	-	-40 ... +100	Antistatic compound for example welding machines etc.
EPDM sponge	~25	-	-30 ... +100	EPDM compound for light-weighted profiles.
<b>EPDM fire resistant sponge</b>	~30	-	-30 ... +100	Fire resistant EPDM sponge quality is tested acc. To standard EN 45545-2
<b>EPDM fire resistant rubber for railway industry</b>	50 - 60	-	-40 ... +100	Fire resistant EPDM quality tested acc. standards: EN 45545-2:2020, NFPA 130 and ECE-R118
<b>EPDM fire resistant rubber for truck and trailer industry</b>	60	-	-40 ... +100	Fire retardant EPDM quality tested acc. standard ECE-R118
Nitrile	50 ja 70	-	-30 ... +80	NBR is highly resistant to oils, liquid fuels and most solvents. Suitable for seals and protective beams used in municipal infrastructure and vehicle technology.
Nitrile FDA	60	Yes	-30 ... +80	NBR compound is made of FDA approved materials and suitable for milk hoses etc.
Chloropren (Neopren)	70 - 80	-	-30 ... +80	Chloropren has excellent ozone and weather resistance. It's suitable for solution that require chemical resistance and/or splash of oils.
NR/SBR	55	-	-40 ... +80	Good physical strength, good tear and abrasion resistance. Suitable for solutions without any special chemical requirements.
Butyl	55	-	-40 ... +80	The highest performing rubber for impermeability with good flexural properties as well as good ozone resistance.
Natural Rubber	60	-	-40 ... +80	Very strong and naturally self reinforcing compound. Good compression set and good resistance to inorganic chemicals.