

Vacuum suction cup material overview

Material	Temperature	Wear resistance*	Oil resistance*	Weather- and ozone resistance*	Petrol resistance*	Advantage	Recommendation for
Chloroprene rubber (CR)	-40 to 110 °C	3	2	2	x	Weather resistant	Universal use
NBR (nitrile rubber)	-30 to 90 °C	3	1	x	3	Oil-resistant, water-resistant up to max. 70°C	Universal use
Silicone	-40 to 200 °C	x	x	1	x	Temperature resistant, very flexible	Food, electronics
Polyurethane (PUR)	-20 to 80 °C	2	1	3	2	Long service life	Harsh operating conditions, automobile
NR (natural rubber)	-40 to 80 °C	2	x	x	x	Flexible, wear-resistant	Wood, uneven surfaces
NRE (natural rubber)	-40 to 80 °C	2	x	x	x	Very flexible, wear-resistant	Wood, uneven surfaces
SBR (styrene-butadiene rubber)	-30 to 80 °C	1	x	3	x	Non-marking, very flexible, very abrasion resistant	Wood, uneven surfaces

* 1 – very good, 2 - good, 3 - sufficient, x - Not recommended