

Short designation	CR
Brand name	Neoprene® Bayprene®
Chemical description	Chloroprene rubber
Mechanical properties	
Hardness range [Shore A/D]	40 - 90
Wear resistance	good – very good
Tensile strength [MPa]	10-25
Physical properties	
Density [g/cm ³]	1.4
Application temperatures	
Temperature range, short-term [°C]	-30 - 120
Temperature range, continuous [°C]	-20 - 100
Other properties	
Flammability according to UL94	V-2
Chemical resistance	
Mineral grease and oils	+
Petrol	-
Weak/strong acids	o/ --
Weak/strong alkalis	++ / +
Perchloroethylene	--
Trichloroethylene	--
Acetone	-
Alcohols	+
Brake fluid	o
Hydrolysis resistance (hot water)	+

Weather/UV radiation	+
Main uses	<p>CR is a chloroprene-based synthetic elastomer.</p> <p>The material has good wear properties and weather resistance. Due to its chlorine content, CR is flame-retardant.</p> <p>Applications:</p> <ul style="list-style-type: none">■ Outdoor conveyor belts■ Window sealing profiles■ Seals for refrigeration systems■ V-belts

++ very good / + good / o satisfactory / - moderate (significant change to properties) / -- unsuitable