

Chloroprene (CR) also called neoprene is one of the oldest synthetic elastomers. It is used in a variety of applications due to its ability to resist both oils and oxidation. Chloroprene has good resistance to naphthenic and paraffinic oils of high molecular weight, but swells excessively in aromatic oils of low molecular weight. Because of its chlorine content, flame resistance is superior to that of most other rubbers. Chloroprene is especially well suited to rubber-to-metal bonding. It is one of the best all-purpose elastomers where resistance to ozone, sunlight, oxidation and many petroleum derivatives are of prime importance. Added advantages include good resistance to water, many chemicals plus good resilience characteristics and tensile strength properties.

General Information

Service Temperature	-40°C to 130°C
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Hardness Range	40 ~ 80 Shore A
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Colour	Black
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Typical Uses

Bridge Bearing Pads,
Food & Beverage Seals, Wire & Cables,
Refrigerator Parts.

Performance Parameters:

	Excellent	Good	Fair	Poor
STEAM				●
SUNLIGHT		●		
WEATHERING / OZONE		●		
COMPRESSION SET			●	
ABRASION RESISTENCE	●			
FLAME RESISTENCE	●			
GAS PERMEATION		●		
CHEMICALS / SOLVENTS			●	
PETROLEUM OILS		●		
FUELS / GASOLINE				●
BRAKE FLUIDS				●
TRANSMISSION FLUIDS			●	
STEERING FLUIDS			●	
REFREGERANTS		●		