

Chlorosulfonated Polyethylene (CSM) features good chemical, heat, oil, flame, weather, ozone and abrasion resistance, color stability, low moisture absorption and good dielectric properties. CSM is recommended in applications requiring resistance to corrosive and oxidizing chemicals.

Limitations: Not recommended for concentrated oxidizing acids, aldehydes, esters, ethers, ketones, chlorinated, aromatic and nitro hydrocarbons. Has poor compression set.

Temperature Resistance: -46° to 135°C (-50° to 275°F)

Typical Uses: Adhesives, Timing Belts, Automobile Hoses, Coated Fabrics, Seals, Gaskets, Diaphragms, Insulation for Wires & Cables.

Physical Properties:

	Excellent	Good	Fair	Poor
Tensile strength		•		
Elongation		•		
Low temperature flexibility		•		
Compression Set				•
Tear resistance		•		
Abrasion resistance	•			
Flame resistance	•			
Gas permeability			•	

Chemical Resistance:

	Excellent	Good	Fair	Poor
Ozone	•			
Weather	•			
Sulfur containing oils		•		
Aliphatic solvents		•		
Dilute acids			•	
Dilute alkalis			•	
Esters				•
Ethers				•
Aliphatic hydrocarbons				•
Aromatic hydrocarbons				•
Ketones				•