



Coating Tomorrow's Innovations

Ethylene-propylene Terpolymers (EPDM)

Rubber, urethane and other polymers are used to provide optimized coating properties for a substrate.



EPDM coatings provide excellent resistance to heat, water, steam, ozone, and UV light (color stability) while providing very good low-temperature flexibility properties.

This material can also withstand the effects of the following:

- Brake fluids
- Alkali
- Mild acidic and oxygenated solvent environments

General Polymer Characteristics

Abrasion Resistance	Good	Gas Permeability	Fair
Compression Set	Good	Low Temperature Flexibility	Excellent
Elongation	Good	Tear Resistance	Fair
Flame Resistance	Good		

General Properties

Excellent ozone, chemical, and aging resistance, poor resistance to petroleum-based fluids

Resistant to

Ozone, weathering, steam/water, animal and vegetable oils. Strong and oxidizing chemicals like acids, alcohols, ketones, esters, aldehydes, and silicone oils

Attacked by

Petroleum-based fuels and oils, mineral oils and solvents, halogenated hydrocarbons and solvents, and aromatic hydrocarbons



At Trelleborg, our eyes are on tomorrow as our in-house expert technical teams work in partnership with an increasing range of customers to bring industry-changing ideas to actualization with coated materials- whether it's your concept or ours.
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