



Coating Tomorrow's Innovations

Acrylonitrile-butadiene (NBR)

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



NBR represents the same elastomer based on a butadiene and acrylonitrile copolymer.

Nitrile is inherently resistant to:

- Hydraulic fluids
- Lubricating oils
- Other non-polar petroleum based products
- Air and water environments

General Polymer Characteristics

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

General Properties

Excellent resistance to petroleum-based fluids and good physical properties

Resistant to

Many hydrocarbons, fats, oils, greases, hydraulic fluids, chemicals

Attacked by

Ozone (except PVC blends), ketones, esters, aldehydes, chlorinated and nitro 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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