



FAIRPRENE® PRODUCT BULLETIN

Fairprene® Code: WFP-B1RS

(Comparable to †BS-5565 Nitrile Sheet Stock Material)

Description:

Nitrile (Buna N), or Butadiene Acrylonitrile superior quality sheet stock material for highly engineered applications. All Fairprene materials are manufactured to exact standards and close tolerance conditions.

Typical Physical Properties:

Gauge	.016, .031, .062, .125, "Custom gauges available upon request"
Tensile Strength (PSI)	Above 1000 (Typical 1600)
Hardness (Shore Duro A)	65

Nitrile sheet stock materials have good abrasion resistance and compression set qualities. Fairprene® compounds are formulated to maximize their abilities to perform in the presence of Aliphatic Hydrocarbons, oil & gasoline type environments. The Fairprene process capabilities maximize quality and consistency.

General Polymer Characteristics:

		<u>Nitrile (Buna N) Butadiene Acrylonitrile</u>
Solvent Resistance	Aliphatic Hydrocarbons	Excellent
	Aromatic Hydrocarbons	Good
	Oxygenated (Ketones, etc.)	Poor
	Lacquer Solvents	Poor to Fair
Resistance To	Oil & Gasoline	Excellent
	Animal & Vegetable Oil	Excellent
	Water Absorption	Fair to Good
	Oxidation	Fair to Good
	Ozone	Poor to Fair
	Sunlight	Poor
	Heat Aging	Very Good
	Flame	Poor
	Heat	Good
	Cold	Good

The company warrants that any products manufactured hereunder will be free from defects in material and workmanship and free from infringement for a period of (1) year from the date of delivery provided that such products are properly maintained, stored, serviced and used for their intended purpose. The company further warrants that any products manufactured and sold hereunder will be manufactured in accordance with specifications common to the industry.

This is the company's sole warranty. The company makes no other warranty of any kind whatsoever, expressed or implied, including but not limited to, the implied warranty of merchantability and/or fitness for a particular purpose, each of which are hereby disclaimed by the company.

Fairprene is a registered trade name of Alpha Engineered Composites

www.fairprene.com

†BS-5565 is a designation used by Trelleborg/Reeves Brothers