



FAIRPRENE® PRODUCT BULLETIN

Fairprene® Code: WFP-E1RS (FDA Grade)

(Comparable to †DS-0001 EPDM Sheet Stock Material)

Description:

Ethylene Propylene diene monomer (EPDM) 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)	1800 (typical)
Hardness (Shore Duro A)	55 (nominal)

EPDM sheet stock provides very good resistance to weathering, ozone and UV resistance. It is highly recommended for applications where the elastomer will have excessive exposure to the environment. WFP-E1RS is formulated to meet FDA section 177-2600.

General Polymer Characteristics:

		(EPDM)
Solvent Resistance	Aliphatic Hydrocarbons	Poor
	Aromatic Hydrocarbons	Poor
	Oxygenated (Ketones, etc.)	Very Good
	Lacquer Solvents	Good
	Electrical Insulation	Excellent
Resistance To	Oil & Gasoline	Poor
	Animal & Vegetable Oil	Good
	Water Absorption	Good to Excellent
	Oxidation	Excellent
	Ozone	Excellent
	Sunlight Aging	Excellent
	Heat Aging	Excellent
	Flame	Poor
	Heat	Excellent
	Cold	Excellent

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

†DS-0001 is a designation used by Trelleborg/Reeves Brothers