



TRELLEBORG

FAIRPRENE®

CATALOG

HIGH-QUALITY COATED
FABRICS FOR INDUSTRIAL
APPLICATIONS



GASKETS, SEALS, AND DIAPHRAGM MATERIALS **FAIRPRENE®**

Trelleborg Engineered Coated Fabrics introduces the Fairprene® product line, a testament to our commitment to quality and precision in the realm of coated fabrics and sheet stocks. Engineered for durability and precision, our extensive selection of rubber sheet products and coated fabrics is developed for engineered OEM end-use applications. Leveraging our expertise in fabric treatments and polymer processing, we achieve a meticulous balance of adhesion and polymer performance. This makes our products particularly suitable for industries with demanding requirements, including aerospace, automotive, gas, equipment, machinery, and controls.

Available Performance Properties:



Made in the USA



Chemical Resistance



Durability & Longevity



Flame Resistance



Flexibility & Compression
Set Resistance



Low Permeability



Temperature Resistance



UV/Ozone Resistance



Waterproof

SCAN ME



Learn More

MADE IN
USA

COMPREHENSIVE RANGE



Fairprene®

A comprehensive range of high-quality coated fabrics, designed for various industrial applications. Below is a detailed table that outlines the specific technical specifications of our diverse product offerings:

Style	Construction	Thickness	Widths
Nitrile (NBR, Buna-N)	Nitrile Coated "Anti-wicking or Non-anti-wicking" nylon	.008 - .125"	Up to 60"
Fluorosilicone (FVMQ)	Fluorosilicone Coated Polyester	.012 - .020"	Up to 43"
Fluoroelastomer (FKM)	FKM Coated Nomex	.020 - .093"	Up to 37"
	FKM Coated "Anti-wicking" Nomex	.020 - .025"	Up to 51"
	FKM Coated "Anti-wicking" Nylon	.016 - .050"	Up to 60"
	FKM Coated "High Burst" Nomex	.050 - .093"	Up to 36"
	FKM Coated Fiberglass	.010"	Up to 36"

COMPREHENSIVE RANGE



Style	Construction	Thickness	Widths
Ethylene Propylene Diene Monomer (EPDM)	Reevecot FDA EPDM Coated Nylon	.050 - .074"	Up to 60"
	EPDM Coated Nomex	.032 - .095"	Up to 40"
Silicone (VMQ)	Silicone Coated Fiberglass	.005 - .100"	Up to 38"
	50 or 70 Duro "Premium Grade" Gray VMQ Sheet	.016 - .062"	Up to 44"
	"Premium Grade" Red VMQ Sheet	.040"	Up to 48"
Epichlorohydrin (ECO)	Epichlorohydrin Coated Polyester	.013 - .030"	Up to 55"
Nitrile (NBR, Buna-N)	Nitrile Coated Poly Cotton	.014 - .035"	Up to 56"
Polychloroprene (Neoprene, CR)	Neoprene Coated Nylon	.025 - .093"	Up to 57"
NG Series	Fiberglass + Neoprene	0.063 - 0.125"	Up to 60"
NC0091	Cotton + Conductive Neoprene	0.083"	Up to 36"



TRELLEBORG FAIRPRENE®

Exceptional Quality and Versatility

Each product in the Fairprene® range is designed with precision, ensuring that they meet the high standards expected in demanding industrial environments.

Diaphragm Design

Effective & Adaptable

Our diaphragms, suitable for both static and dynamic applications, are designed as efficient barriers against fluid interchange. Available in solid elastomer or fabric-supported designs, they are adaptable for various functions, including fluid regulation and gas control.

Diverse Industrial Fabric Offerings

Trelleborg Engineered Coated Fabrics specializes in a wide range of additional industrial coated materials:

- **EPDM Sheet Rubber:** Durable and weather-resistant, ideal for sealing and insulation.
- **Silicone Sheet Rubber:** High-temperature resistant, perfect for challenging applications.
- **Film Laminates:** Multi-layer materials with excellent barrier properties.

Commitment

To Excellence & Reliability

Our focus on quality and reliability underpins our dedication to providing materials that excel in challenging environments. Our Fairprene® product line is designed to offer optimal performance, making us a trusted partner in industrial solutions. Explore the robustness and versatility of Trelleborg's Fairprene® – where engineering meets practical application.



Available Performance Properties:



Adhesion Properties and Durability

Fairprene® products offer strong adhesion properties, ensuring reliable lamination for belting and insulation materials. Simultaneously, the durability and longevity of materials like EPDM and NBR contribute to the extended service life of these products, making them ideal for industrial machinery applications where frequent replacements are impractical.



Chemical Resistance and Electrical Insulation

Made from materials like fluorosilicone, Fairprene® products offer excellent chemical resistance that is suitable for harsh environments.



Flexibility, Elasticity, and Waterproof Properties

The elastomeric nature of Fairprene® materials allows for effective sealing and fluid control, accommodating movement and pressure changes in dynamic systems like pumps and valves. These materials are also waterproof, essential in marine applications, outdoor environments, and industries where water resistance is necessary to protect against leaks, corrosion, and degradation.



Temperature, Weather, and UV Resistance

Fairprene® products, particularly those based on silicone and fluoroelastomer, can withstand extreme high and low temperatures. They also exhibit strong resistance to weathering and UV radiation, making them suitable for challenging outdoor applications.



LET'S CONNECT

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