

TRELLEBORG

# FLUOROSEAL®

## CATALOG

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HIGH PERFORMANCE  
ELASTOMERS FOR DIVERSE  
APPLICATIONS



# ABOUT FLUOROSEAL®

Welcome to FluoroSeal®, Trelleborg's premier range of fluoroelastomer sheet packing, where advanced technology meets the toughest industrial demands. FluoroSeal® is crafted to excel in challenging environments, offering unmatched durability in extreme temperatures and aggressive chemical conditions. Designed for critical applications across various sectors, including aerospace, oil and gas, and power generation, FluoroSeal® ensures top-notch sealing performance and longevity where it's crucial.

At Trelleborg, we understand the diverse and demanding requirements of different industries. That's why FluoroSeal® is meticulously developed to suit a broad array of applications. Our fluoroelastomer sheets embody our commitment to quality and precision, providing a reliable and high-performance sealing solution for even the most strenuous conditions. Discover the strength and versatility of FluoroSeal®, and see how it can enhance efficiency and safety in your operations.

## Available Performance Properties:



Made in USA



Chemical Resistance



Durability & Longevity



Flame Resistance



Flexibility & Compression  
Set Resistance



Low Permeability



Temperature Resistance



UV/Ozone Resistance



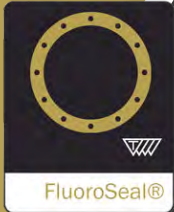
Waterproof

SCAN ME



Learn More





# GASKET & RUBBER SEALINGS

## FluoroSeal® 350

### Industrial Grade

This gasket sheet is made from a blend of Fluoroelastomer polymer and polyacrylates, designed for applications requiring a service temperature of up to 350°F and good chemical resistance. It's economically designed for static applications and wastewater flow, ensuring maximum durability throughout the gasket's life.

## FluoroSeal® 400

### Commercial Grade

Manufactured from 100% Fluoroelastomer polymer, this gasket sheet is perfect for applications requiring a service temperature of up to 400°F and excellent chemical resistance. With 66% Fluorine content, it ensures longevity in gaskets, whether for sealing flow or resisting chemicals. FluoroSeal 400 is a commercial-grade Viton equivalent.

## FluoroSeal® 450

### Premium Grade

This gasket sheet is made from 100% virgin terpolymer type B Fluoroelastomer, designed for applications requiring a service temperature of up to 450°F. It is ideal for the harshest environments that demand maximum chemical resistance and sealing capabilities.

Grade	Thicknesses Available	Widths Available	Finishes
FluoroSeal 350	1/16", 1/8", 3/16", 1/4", 1/2", 3/32", 3/8"	Up to 48"	Fabric or smooth
FluoroSeal 400	1/16", 1/8", 3/16", 1/4", 1/2", 3/32", 3/8"	Up to 48"	Fabric or smooth
FluoroSeal 450	1/16", 1/8", 3/16", 1/4", 1/2", 3/32", 3/8"	Up to 48"	Fabric or smooth

# APPLICATIONS & INDUSTRIES



## Oil and Gas



Essential for the oil and gas industry, FluoroSeal® is the premium choice for crafting high-quality gaskets. It's extensively used in firetubes, manway gaskets, camlok gaskets, and thief hatch gaskets. These applications benefit from its excellent chemical resistance and robustness in sealing technologies.

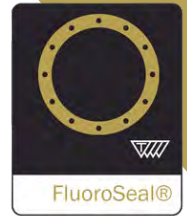
## Expansion Joints



FluoroSeal® serves as a crucial material for power generation, particularly as non-metallic expansion joint material. Its resilience in severe and corrosive flue gas ducting system applications makes it an indispensable component in power plants.



# COMPREHENSIVE RANGE



## FluoroSeal® - Fluoroelastomer (FKM)

Style	Rubber Composition	Specific Gravity	Thickness Standard	Width(s) Standard
FluoroSeal® 350	Industrial Grade	1.76	1/16" to 3/8"	Up to 48"
FluoroSeal® 400	Commercial Grade	1.87	1/16" to 3/8"	Up to 48"
FluoroSeal® 450	Premium Grade	1.89	1/16" to 3/8"	Up to 48"





# LET'S CONNECT

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Trelleborg Engineered Coated Fabrics

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