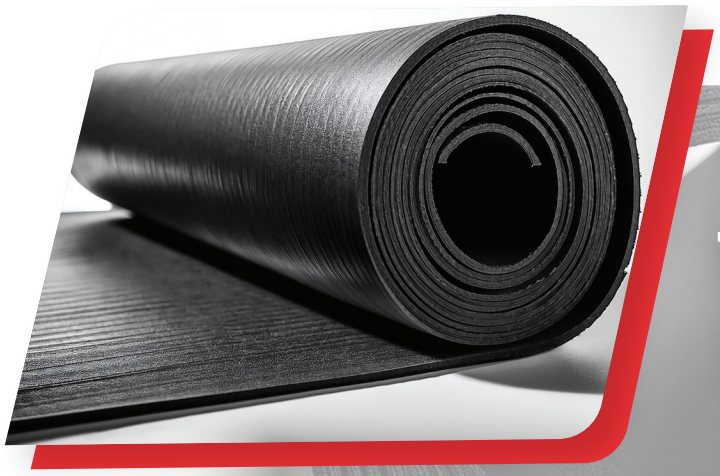
DURATUF®

FLURO75 PRO



Technical Data

Fluroelastomer Rubber Sheets (Fluro75 Pro)

Fluro75 Pro

Model: RS-FLRO(P)-FKM19575

Fluro75 Pro is a premium Viton® (FKM) rubber sheet engineered for industries where exposure to extreme temperatures, harsh chemicals, and mechanical stress is routine. It offers unmatched resistance to concentrated acids, oils, fuels, and solvents, combined with exceptional thermal and weathering stability.

This high-performance sheet is ideal for gasketing, sealing, and lining applications in sectors such as aerospace, chemical processing, automotive, and pharmaceuticals. Built for reliability, Fluro75 Pro supports long-term operation, regulatory compliance, and cost reduction through durability and chemical resilience where standard elastomers fall short.

Fluro75 Pro delivers significant operational value by minimizing material failure in aggressive environments. Its extended lifespan under corrosive or high-temperature conditions lowers total lifecycle costs and ensures consistent system integrity. For engineers designing critical systems, this sheet supports safety, uptime, and regulatory adherence where performance cannot be compromised.

PRODUCT FEATURES

Resistance to Harsh Chemicals & Oils
Handles concentrated acids, fuels, solvents, and caustics with ease, reducing seal failures and unplanned shutdowns

Wide Temperature Tolerance (-20°C to +250°C)
Maintains performance under thermal extremes, ensuring uptime in both high-heat processing and cold storage applications

Low Permeability for Secure Sealing
Offers superior containment of gases and fluids, enhancing safety and system integrity in vacuum or pressure environments

Weather, UV, and Ozone Resistance
Ideal for indoor and outdoor use, it protects critical systems from degradation, minimizing premature wear and replacement cycles

Excellent Recovery Under Load
Provides long-term elasticity and sealing efficiency in static and dynamic conditions, reducing maintenance frequency

Smooth Double-Sided Finish
Ensures clean, consistent fabrication into gaskets, linings, or custom components, speeding up production and installation

DID YOU KNOW?

Fluoroelastomers can resist continuous exposure to temperatures over 200°C and aggressive chemicals like hydraulic fluids and acids, which is why they are used extensively in aerospace & automotive fuel systems.

(Source: Source: SAE J200)

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Edition: TDS-RS-FLRO(P)-FKM19575-R0-01-06-2025

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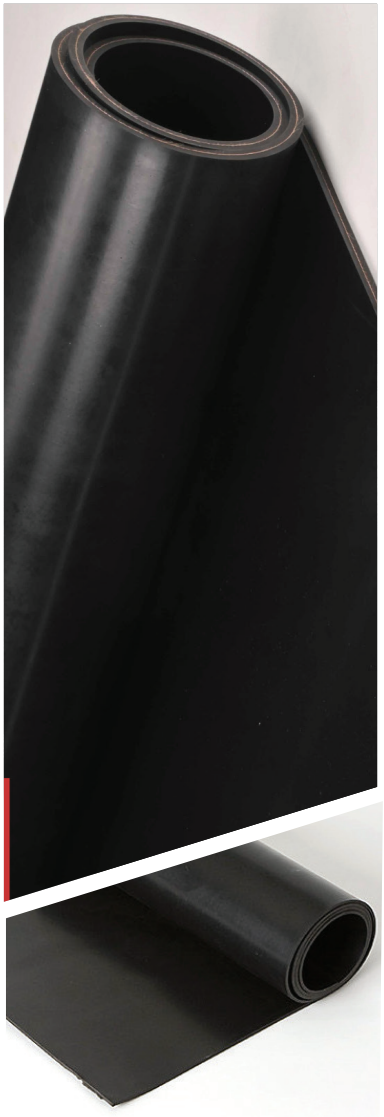
FLURO75 PRO

MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	8.0 MPa (Min)	8.2 MPa	
Elongation at Break	ASTM D412	200% (Min)	217%	
Hardness (°Shore A)	ASTM D2240	75° ± 5° Shore A	78° Shore A	
Specific Gravity	ASTM D297	1.95 ± 0.05	1.95	
Working Temperature	-	-40 °C to +300 °C	Conforms	
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Excellent	Excellent	Excellent	Very Good	Very Good
IDENTIFICATION				
Branding	Duratuf			
Colour	Black			
Grade	Pro			
Polymer	FKM			
Polymer Content	100%			
Finish	Top & bottom plain			
Packaging	With white coloured HDPE woven fabric			
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. to allow traceability			

Note: Manufacturing tolerance of ± 10% on thickness, ± 2% on width and length and ±10% on weight shall be applicable.



Applications	• Chemical processing and handling systems • Oil and gas sealing and insulation • Pharmaceutical and biotech equipment • Automotive fuel systems and seals • Aerospace engine and fluid system components • High-temperature gaskets and expansion joints • Industrial machinery exposed to harsh chemicals

Ordering Information

Please provide the following details for accurate order processing

Application
End use or industry (e.g., gasketing, flooring)

Base Material
Required rubber type (e.g., EPDM, Neoprene)

Dimensions
Length, width and thickness

Work Environment
Temperature range or chemical exposure etc

Quantity
Total quantity and any customization needed.

Scan to Access
Rubber Sheets Resources

Scan to Connect
Rubber Sheets Expert

Scan to Play
Rubber Sheets Trivia

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