



Fusion® (FKM)

Specially Formulated Compound

Canted Coil MSE® Seal

Greene Tweed works with a number of production compounds of FKM (fluorocarbon) material commonly used in the oil industry. This material is relatively inexpensive, but copes well with certain sour environments and has a temperature range of -40°F to 450°F (-40°C to 232°C). Fusion® materials should not be used in the presence of potentially high doses of H₂S, amine-based inhibitors and methanol. These will attack the material causing swelling or embrittlement (premature aging), leading to breakdown and failure of the seal.



Fusion®		
Compounds	Applications	Materials
Fusion® 731	O-rings, T-rings	Standard 75 durometer
Fusion® 761	O-rings, T-rings, Downhole V-rings	Low-temperature, electrical resistant 75 duro material
Fusion® 927	O-rings, T-rings	Standard 90 durometer
Fusion® 929	Downhole V-rings	Aramid fiber filled 95 duro material
Fusion® 936	O-rings, T-rings, Downhole V-rings	RGD-resistant compound; broad chemical capabilities and low compression set 90 duro material
Fusion® 938	O-rings, T-rings, Downhole V-rings	Meets NORSOK M-710, TotalFinalElf, and Aramco 06-SAMSS-001 test protocols for rapid gas decompression resistance 90 duro material

Features & Benefits

- Low temperature
- Rapid gas decompression resistance
- Corrosive environments
- Electrical Resistance

Greene Tweed

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Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such products.

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