Extreme Low Temperature Viton®

High Performance Seal Compound No. 6075

75 Durometer compound specifically formulated
for Chemical resistance and extreme low temperature performance

Product Features

- Wide Temperature Range
  -65° F to 450°F
- Excellent FKM
  Chemical Resistance
- Extreme Low Temperature
  Capability
- Ideal for hydrocarbon
  extraction processes

Low temperature performance of an elastomeric compound is an extremely important characteristic for sealing applications subjected to extreme temperature conditions. Typically when materials are compounded to improve low temperature performance, some important sealing characteristics are sacrificed. This is not the case for compound No. 6075. It retains its sealing properties at -65° F and this is accomplished without reducing high temperature capabilities. Compound No. 6075 also provides excellent resistance to a broad range of chemicals including butane and propane.

Compound 6075 is available in all standard Tri-Clamp gaskets and AS 568 o-ring sizes.

Typical Properties

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	75
Ultimate Elongation %	D1414	161
Modulus @ 50% Elongation, psi	D1414	201
Modulus @ 100% Elongation, psi	D1414	662
Tensile Strength @ Break, psi	D1412	1546
Service Temperature Range, °F		-65°F to 450°F
Service Temperature Range, °C		-54°C to 232°C
Low Temperature Retraction TR-10	D1329	-53°F / -47°C
Compression Set @ 25% Deflection 70Hours @ 392° F/200°C, in Air % of original deflection	D395 Method B	18%

Unless otherwise noted all tests conducted on AS 568 (-214) o-rings

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 for this product.

Prior to actual use it is highly recommended that suitable tests be run to determine this product's suitability in a specific application. This is critical where failure could result in injury or damage.

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