

PILOTSEAL FKM

Commercial Fluoroelastomer



Physical Properties*

Base Polymer	Fluoroelastomer
Indentation Hardness	ASTM D2240 00 70 degrees
Specific Gravity	ASTM D792 1.98 g/cm ³
Tensile Strength Min.	ASTM D412 6MPa
Elongation @ Break Min.	ASTM D412 200%
Min. Cont. Work Temp.	- 30°C
Max. Cont. Work Temp.	210°C
Max. Intermittent Work Temp.	210°C
Compression Set 70°C 22 Hours	ASTM D395 Meth B 50%

Description

PILOTSEAL FKM - is a Fluoroelastomer with outstanding resistance to oxygen, ozone, weather, flame and chemicals. Suitable for higher temperature applications within the Petrochemical, Pharmaceutical and Aerospace Industries .

Applications and Characteristics

Food Use	Not recommended
Water Use	Fair
Mineral Oil Use	Good
Abrasion resistance	Moderate
Ozone weather resistance	Excellent
Flame retardency	Not recommended
Electrical resistance	Moderate
General Purpose	Not recommended

DuPont grades also available on request

Sizes Available

Thickness Range	1 to 6mm	10m rolls
Thickness Range	8 to 25mm	5m rolls
Standard Width	1.2m	

* Typical Shore Hardness range 40—70 also available