

Fluoroelastomer (FPM/FKM) produced as a copolymer of Vinylidene fluoride and Hexafluoropropylene, offers outstanding resistance to chemicals, oils, solvents and heat. These rubbers offer moderate tensile strength but relatively low elongation properties. They are also resistant to oxidation and ozone and do not support combustion. Resist a wide variety of corrosive fluids at elevated temperatures while retaining their mechanical properties. Its low temperature deficiencies can be overcome somewhat by special compounding. Fluorocarbon rubber is exceptionally resistant to embrittlement when exposed to high heat over long periods of time.

General Information

Service Temperature	-15°C to 225°C
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Hardness Range	50 ~ 90 Shore A
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Colour	Black
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Typical Uses

In Special Valves & Pumps,
Automobile Gaskets & Seals,
Semiconductor Industry

Performance Parameters:

	Excellent	Good	Fair	Poor
STEAM	●			
SUNLIGHT	●			
WEATHERING / OZONE	●			
COMPRESSION SET	●			
ABRASION RESISTENCE		●		
FLAME RESISTENCE	●			
GAS PERMEATION	●			
CHEMICALS / SOLVENTS	●			
PETROLEUM OILS	●			
FUELS / GASOLINE		●		
BRAKE FLUIDS		●		
TRANSMISSION FLUIDS		●		
STEERING FLUIDS		●		
REFREGERANTS		●		