



HANNA RUBBER COMPANY

Specification Sheet



FKM Sponge Extrusion

FKM is a family of fluorocarbon-based fluoroelastomer materials defined by ASTM International standard D1418, and ISO standard 1629. It is commonly called fluorine rubber or fluoro-rubber. FKM is an abbreviation of Fluorine Kautschuk Material. All FKMs contain vinylidene fluoride as a monomer. Originally developed by DuPont (under the brand name Viton®, now owned by Chemours), FKMs are today also produced by many companies, including: Daikin (Dai-El), 3M (Dyneon), Solvay S.A. (Tecnoflon), HaloPolymer (Elaftor), Gujarat Fluorochemicals (Fluonox).

Medium Density FKM Sponge Extrusion

Features and Benefits

- Temperature resistance
- Chemical resistance
- Ozone resistance
- Oils, fuels resistance
- Good mechanical properties
- Resistance to aging

Property	Result
Density	17 lbs per cubic foot
Tensile Strength	435 PSI
Elongation	200%
Temperature Range	-10F – 450F

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.