



A Product of DuPont Dow Elastomers

## Get the Right Seal for the Job...Every Time

As a specifier of fluoroelastomer (FKM)\* seals, you expect that these products will perform well in your demanding environment. But even if seals meet your current specifications, you can greatly enhance their performance and dependability by selecting and specifying seals made with Viton fluoroelastomer exclusively from DuPont Dow Elastomers, a superior FKM material. Bear in mind that not all FKMs are equivalent. Don't risk your seals' performance on "alleged" equivalent materials—the consequences of a seal failure aren't worth it.

To help ensure that you get the best product for meeting your requirements, you must:

- Write specifications that match your requirements with the performance of the seal and the type of FKM elastomer;
- Select a supplier with broad knowledge of *your* applications, as well as knowledge of the relative performance of commercially available, high-performance elastomers; and
- Ask for verification that you are getting what you ordered!

### Make Detailed Specifications

Specifications that are insufficient, inaccurate, or that allow substitutions open the door to quality and performance problems. However, a well-written specification that identifies the type of material and quantifies the critical performance parameters of the desired seal will communicate to your supplier the most cost-effective FKM for your application. When you specify Viton, the most specified fluoroelastomer worldwide, you can further enhance your products' performance by ordering

\*FKM is the ASTM designation for fluoroelastomers.

the specific type of Viton that has been tailored for your application needs.

These types, or "families," of Viton enable you to select the most cost-effective elastomer. Each family affords a tailored balance of mechanical properties, as well as specific resistance to various types of process fluids.

### Choose Suppliers Carefully

Typically, you rely on your suppliers to suggest and provide the best seals for your equipment. Keep in mind, however, that seals and elastomers are constantly being improved. Since 1990, many new types of Viton have been introduced. For this reason, you need a supplier who not only is knowledgeable, but also is up-to-date on fluoroelastomer sealing materials and your application requirements.

When you select a certified supplier of parts made from Viton, you are assured of product consistency. These suppliers are licensed by DuPont Dow to display the Viton emblem and will readily verify—in writing—that their products are based on *100% virgin Viton*. If you have questions about a supplier's FKM products, ask for a signed letter of product certification.

### Insist on the Best

Viton was introduced in 1958...and ever since, scientists and engineers have relied on Viton for its superior performance and unique properties. However, DuPont Dow Elastomers is not the only company that manufactures FKM products. Many people in the industry incorrectly refer to *any and all* FKM elastomers as Viton.

As a result, you could end up with sealing products that *are not* the type of Viton you need, let alone made of 100% virgin Viton. Products not

made from Viton may fall short of the expected performance levels afforded by the stringent quality standards DuPont Dow has set for Viton, which is manufactured at ISO 9002 registered facilities worldwide.

To ensure that you always receive the highest quality FKM products available, insist on 100% virgin Viton and look for the emblem that appears on products made from Viton.



### Call DuPont Dow elastomers for More Info

If you have questions about applications, products, suppliers or certification criteria regarding Viton, call us today at (800) 452-1454. A DuPont Dow expert will answer your questions about Viton, provide technical support and literature, recommend certified suppliers, and even arrange product seminars for your company.

Selection Guide for Viton Fluoroelastomer

Family or Type of Viton Fluoroelastomer	Resistance to Compression Set	General Fluids/ Chemical Resistance	Aliphatics	Aromatics	Acids/Steam	Low-Temperature Flexibility
A	1	3	1	2	3	2
B	2	2	1	2	2	2
F	2	1	1	1	2	3
GB, GBL	2	2	1	1	1	2
GF	3	1	1	1	1	3
GLT	2	3	1	2	1	1
GFLT	2	1	1	1	1	1

1 = Excellent 2 = Very Good 3 = Good

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For more information on Viton® call (800) 452-1454 (U.S. & Canada)  
and for other Elastomers call (800) 853-5515 (U.S. & Canada)  
or (302) 792-4000

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**CAUTION:** Do not use in medical applications involving permanent implantation in the human body. For other medical applications, discuss with your DuPont Dow Elastomers customer service representative.

Viton is a registered trademark of DuPont Dow Elastomers.