

HIGH-PERFORMANCE ELASTOMER  
COMPOUNDS FROM POLYONE®

PolyOne, a leading independent compounder of thermoset elastomers, is also a leading independent compounder of high-performance elastomers. Introducing our new high-performance elastomer additions to our ProFlex line of engineered elastomers.

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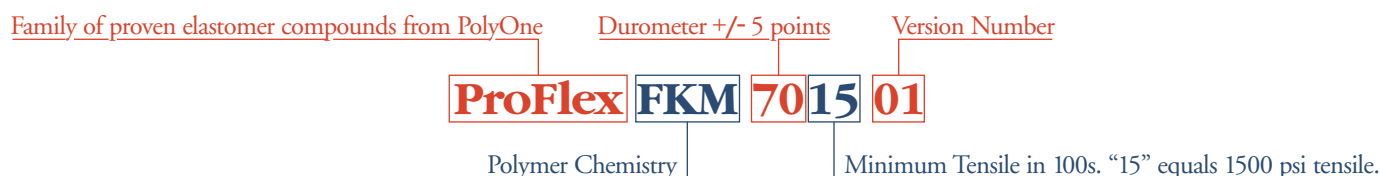
GRADE	DUROMETER (SHORE A)	MINIMUM TENSILE (PSI)	MINIMUM ELONGATION (%)	SPECIFIC GRAVITY	MOONEY VISCOSITY	OTHER PROPERTIES	PROCESS
	ASTM D2240-02a	ASTM D412-98a	ASTM D412-98a		ML 1+4 @ 121°C	ASTM D 2000	
<b>FLUOROELASTOMER COMPOUNDS (FKM)</b>							
<sup>1</sup> ProFlex FKM 7015 01	70 +/-5	1500	350	1.83	50	66% Fluorine Copolymer 2HK610 A1-10B37C12EF31F13	Injection
<sup>1</sup> ProFlex FKM 7512 01	75 +/-5	1200	250	2.00	65	68% Fluorine Terpolymer 2HK712 B37C12EF31F13 Z1=75+/-5	Compression
<b>HYDROGENATED NITRILE COMPOUNDS (HNBR)</b>							
ProFlex HNBR 7015 01	70 +/-5	1500	300	1.37	35	3DH710 A26B16EO16EO36	Injection
<b>EPICHLOROHYDRIN COMPOUNDS (ECO)</b>							
ProFlex ECO 7012 01	70 +/-5	1200	300	1.48	60	3CH710 A25B14C12F17	Injection
<b>ETHYLENE/ACRYLIC COMPOUNDS (AEM) DuPont™ VAMAC®</b>							
<sup>2</sup> ProFlex AEM 6515 01	65 +/-5	1500*	275	1.24	25	2DH615 A26B36EO36C12F14 Z1=65+/-5; Z2=EO36 ΔVol<60%	Injection
ProFlex AEM 7012 01	70 +/-5	1200	300	1.28	19	3DH710 A26B36F14	Injection

<sup>1</sup>ProFlex FKM 7015 01 & ProFlex FKM 7512 01 tested with 16 hour post cure at 400°F

<sup>2</sup>ProFlex AEM 6515 01 tested with 4 hour post cure at 350°F

GRADE	PRICE PER POUND	MINIMUM ORDER SIZE	TYPICAL STRIP DIMENSIONS	TYPICAL BATCH WEIGHT	SHELF LIFE AT 50°F
<b>FLUROELASTOMER COMPOUNDS (FKM)</b>					
ProFlex FKM 7015 01	\$11.92	1 batch	1.75" W x .5" Thick	180 pounds	60 days
ProFlex FKM 7512 01	\$11.59	1 batch	1.75" W x .5" Thick	180 pounds	60 days
<b>HYDROGENATED NITRILE COMPOUNDS (HNBR)</b>					
ProFlex HNBR 7015 01	\$7.35	1 batch	1.75" W x .5" Thick	135 pounds	60 days
<b>EPICHLOROHYDRIN COMPOUNDS (ECO)</b>					
ProFlex ECO 7012 01	\$2.47	1 batch	1.75" W x .5" Thick	550 pounds	30 days
<b>ETHYLENE/ACRYLIC COMPOUNDS (AEM) DuPont™ VAMAC®</b>					
ProFlex AEM 6515 01	\$3.00	1 batch	1.75" W x .5" Thick	550 pounds	30 days
ProFlex AEM 7012 01	\$3.37	1 batch	1.75" W x .5" Thick	550 pounds	30 days

## HOW TO READ A PROFLEX COMPOUND NAME



## HIGH-PERFORMANCE ELASTOMERS

### HIGH-PERFORMANCE ELASTOMERS BUSINESS – KEY CONTACTS LIST

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That is our mission at PolyOne, and we fulfill it by delivering premium-quality products and services, which our customers use to enhance their own products. We believe no competitor can match our technical expertise because no workforce can outperform the people of PolyOne. Our people are ONE team working together – our strength and our pride. Their skills, passion and dedication are shaping a potent industry leader, a concerned corporate citizen and a great place to work.

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