

Base elastomer (coding DIN/ISO 1629)	Code	Standard step hardness of 5°shore	Colour	Other colour	Principal characteristics	Standard used	Type Approved
Acrylo-nitrile butadiene (NBR)	ME0007	40, 45, 50, 55, <u>60</u> , <u>65</u> , <u>70</u> , 75, <u>80</u> , 85, 90	Black	No	Very high nitrile, petrol resistant	Compound for use in contact with oils (even aggressive ones), diesel and unleaded petrol fuels. Scarce resistance to low temperatures.	
Acrylo-nitrile butadiene (NBR)	ME0015	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Black	No	High elasticity	Compound for use in systems where an above standard spring-back is required combined with an excellent Compression Set. Ideal for automatically assembled gaskets and O-Rings. Normal resistance to temperature and oils.	
Acrylo-nitrile butadiene (NBR)	ME0020	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Black	No	Very low nitrile content. Resistant to low temperatures	Compound for use at low and very low temperatures. Modest resistance to some oils and fuels.	
Acrylo-nitrile butadiene (NBR)	ME0025	40, 45, 50, 55, <u>60</u> , 65, <u>70</u>	Black	No	Tear resistant, wear resistant	Compound with exceptional elasticity as well as a very high resistance to tearing and fatigue. Ideal for membranes. Also suitable for use in contact with anticryptographic and herbicide products.	
Acrylo-nitrile butadiene (NBR)	ME0035	40, 45, 50, 55, 60, 65, <u>70</u>	Black	No	Low nitrile content	For use where good resistance to low temperatures is necessary combined with excellent physical and mechanical characteristics.	
Acrylo-nitrile butadiene (NBR)	ME0055	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Black	No	Resistant to ozone and light	For use where excellent resistance to ozone and the deteriorating effect of light is required. Excellent resistance to saline mist.	
Acrylo-nitrile butadiene (NBR)	ME0069	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Black	No	Eco	Standard economical compound with physical and chemical characteristics similar to compound ME0070.	

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Acrylo-nitrile butadiene (NBR)	ME0070	30, 35, <u>40</u> , <u>45</u> , <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u> , <u>85</u> , <u>90</u> , 95	Black	No	Standard, gas resistant	Standard compound with certified ingredients. Excellent mechanical characteristics and good resistance to temperature. Excellent compatibility with many fluids, oils and gases. Ideal for dynamic applications on pneumatic and hydraulic apparatus.	EN549 CIRC102M.S. D.M.21/3/73
Acrylo-nitrile butadiene (NBR)	ME0072	40, 45, <u>50B</u> , 55, <u>60B</u> , 65, <u>70B</u> , 75, 80, 85, 90	White	Yes	Coloured	Non toxic compound suitable for colouring. Possibility to produce almost all RAL and PANTONE® colours as well as specimen colours. Lesser mechanical characteristics with respect to the base compound.	
Acrylo-nitrile butadiene (NBR)	ME0073	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Black	No	Anti abrasion	Compound containing molybdenum bisulphide that considerably diminishes the coefficient of friction. Suitable for use in the presence of moving parts and where it is necessary to reduce friction.	
Acrylo-nitrile butadiene (NBR)	ME0075	40, 45, 50, 55, <u>60</u> , <u>65</u> , <u>70</u> , 75, 80, 85, 90	Black	No	High nitrile content	Compound for use when good resistance to oils and fuels in general is required. Good resistance to high temperatures. Excellent physical and mechanical characteristics.	
Acrylo-nitrile butadiene (NBR)	ME0081	40, 45, 50, 55, <u>60</u> , 65, <u>70</u> , 75, <u>80</u> , 85, <u>90</u>	Black	No	Perox	Compound with peroxide acceleration. Exceptional spring- back and Compression Set. To use when it is necessary to guarantee a constant quality over time and very high efficiency.	
Acrylo-nitrile butadiene (NBR)	ME0090	50, 55, 60, 65, 70, 75, 80, 85, 90	Yellow	Yes	Perox	Coloured compound with peroxide acceleration. The peroxide acceleration makes up extremely well for the decay of the characteristics typical of coloured compounds.	

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Acrylo-nitrile butadiene (NBR)	ME0995	40 , 45 , 50 , 55 , 60 , 65 , 70 , 75 , 80 , 85 , 90	Black	No	For drinking water	Compound with excellent mechanical characteristics and a good Compression Set. Suitable for use in contact with hot and cold drinking water.	WRC-WRAS, ACS
Acrylo-nitrile butadiene (NBR)	ME0996	40 , 45 , 50 , 55 , 60 , 65 , 70 , 75 , 80 , 85 , 90	Black	No	For drinking water	Compound with very good mechanical characteristics and an excellent Compression Set. Suitable for use in contact with hot and cold drinking water according to all major world standards.	WRC-WRAS, ACS, NSF61, DVGW-W270, DVGWKTW
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0111	35, 40, 45, 50, 55 , 60 , 65, 70 , 75, 80	Grey	Yes	Dielectric	Dielectric compound for articles that need excellent electrical insulation. Suitable for gaskets for electrical goods and wiring in general. Excellent mechanical characteristics and good resistance to saline mist.	
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0144	35, 40, 45, 50 , 55, 60 , 65, 70 , 75, 80	Grey	Yes	Dielectric, without amines	Compound very similar to ME0111 but produced with the use of amines. Excellent Compression Set.	
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0155	40, 45, 50, 55, 60, 65, 70 , 75, 80	Black	No	Antacid	Special compound for use in contact with acids and other very aggressive substances. Excellent resistance to temperature and a good Compression- Set.	
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0160	40, 45, 50, 55, 60, 65, 70 , 75, 80	Beige	Yes	Flame resistant	Flame resistant compound with excellent physical and mechanical characteristics and a good Compression Set. Can be produced in many colours.	
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0166	50, 55, 60, 65, 70	Black	No	Vapour resistant	Compound particularly suitable for use in the presence of vapour even under pressure and with traces of other components. Excellent resistance to temperature and good mechanical characteristics in general.	

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Ethylene-propylene (EPM) Ethylene-propylene diene (EPDM)	ME0170	30, <u>35</u> , <u>40</u> , <u>45</u> , <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u>	Black	No	Standard	Standard compound for all uses. Suitable in contact with vapour (max. 140°C) and air up to 100°C. It also lends itself to the seal of fluids that are not of mineral origin. Good mechanical characteristics.	
Ethylene-propylene (EPM) Ethylene-propylene diene (EPDM)	ME0175	40, 45, 50, 55, 60, <u>65G</u> , <u>70B</u> , 75, <u>80B</u>	Lilac	Yes	Coloured	Compound suitable for colouring. Possibility to produce almost all RAL and PANTONE® colours as well as specimen colours. Lesser mechanical characteristics than the base compounds.	
Ethylene-propylene (EPM) Ethylene-propylene diene (EPDM)	ME0176	50, 55, <u>60</u> , 65, <u>70</u>	Black	No	High elasticity	Compound with an excellent elastic resilience and a very low Compression-Set, very close to the one obtained with peroxide compounds. Ideal for seals that need guaranteed duration and a superior seal to the standard compound.	
Ethylene-propylene (EPM) Ethylene-propylene diene (EPDM)	ME0182	<u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u> , <u>85</u> , <u>90</u>	Black	No	Perox	Compound with an excellent elastic resilience and an exceptional Compression Set with peroxide acceleration. This compound is necessary for all applications in which it is necessary to guarantee a secure and long lasting seal.	
Ethylene-propylene (EPM) Ethylene-propylene diene (EPDM)	ME0190	50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Light blue	Yes	Perox	Coloured compound with peroxide acceleration. This compound combines the important characteristics typical of peroxide vulcanised compounds with the possibility of being coloured.	

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Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0195	50, 55, 60, 65, <u>70</u> , 75, <u>80</u> , 85, 90	Black	No	Perox very lowflattening	Compound with exceptional Compression-Set characteristics combined with continuous resistance to temperature. Particularly suitable for use in heating systems and similar uses where it is necessary to guarantee a constant seal for a long period of time and where the operating temperature is continuous.	
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0940	40, 45, <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u> , <u>85</u> , <u>90</u>	Black	No	Perox, for drinking water	Compound with exceptional mechanical characteristics and Compression-Set. Type approved according to the principal world standards for use in contact with hot and cold drinking water. Excellent resistance to temperature.	ACS, WRC- WRAS, DVGW- KTW, NSF61, EN681WA, EN681WB, DVGW-W270
Ethylene- propylene (EPM) Ethylene- propylene diene (EPDM)	ME0942	40, 45, 50, <u>55</u> , <u>60</u> , 65, <u>70</u> , 75, <u>80</u> , 85, 90	Black	No	For drinking water	Compound for gaskets in contact with hot and cold drinking water.	ACS, WRC-WRAS
Fluorocarbon (FPM o FKM)	ME0201	50, 55, 60, <u>65</u> , <u>65V</u> , <u>70</u> , <u>70V</u> , 75, <u>80</u> , <u>80V</u> , 85, 90	Light green	Yes	For water and gas	Compound with mechanical characteristics and a Compression Set that are very similar to compound ME0270, Type approved for use in contact with gas and in contact with hot and cold drinking water.	NSF61, EN549
Fluorocarbon (FPM o FKM)	ME0202	50, 55, 60, 65, <u>65V</u> , <u>70</u> , <u>70V</u> , 75, 80, 85, 90	Black	Yes	Antacid	Compound specially designed for use in contact with acids and their compounds. Ideal also in contact with anticryptogamics and very aggressive products. Good mechanical characteristics.	
Fluorocarbon (FPM o FKM)	ME0211	50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Brown	Yes	Petrol resistant	Compound for the production of articles utilised in contact with petrol, including alternative and distillate based types.	

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Fluorocarbon (FPM o FKM)	ME0220	50, 55, 60, 65, <u>70</u> , 75, 80, 85, 90	Black	Yes	Vapour resistant	Compound charged for use in the presence of vapour (160 °C) even continuously and under pressure. Excellent mechanical characteristics and resistance to high temperatures.	
Fluorocarbon (FPM o FKM)	ME0233	50, 55, 60, <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u> , 85, 90	Black	Yes	High elasticity	Compound with a better than average springback. Ideal automatically assembled for gaskets and O-Rings. Normal temperatures and characteristics.	
Fluorocarbon (FPM o FKM)	ME0270	45, <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>65V</u> , <u>70</u> , <u>70V</u> , <u>75</u> , <u>80</u> , <u>80V</u> , <u>85</u> , <u>90</u> , <u>90V</u> , 95	Black	Yes	Standard	Standard compound that can also be coloured with good mechanical characteristics and resistance to high temperatures. Suitable for contact with gas. Good resistance to wear.	EN549
Fluorocarbon (FPM o FKM)	ME0274	50, 55, 60, 65, <u>70V</u> , 75, 80, 85, 90	Green	Yes	Coloured	Compound suitable for colouring. Possibility to produce almost all RAL and PANTONE® colours as well as specimen colours.	
Fluorocarbon (FPM o FKM)	ME0275	<u>70</u> , 75, 80, 85, 90	Black	Yes	Eco	Economical compound suitable for static and little stressed articles. Good Compression Set.	
Fluorocarbon (FPM o FKM)	ME0299	60, 65, <u>70</u> , 75, 80, 85, 90	Black	No	GLT	GLT compound for use at low temperatures. Resistance also up to - 45°C. Standard physical and mechanical characteristics.	
Silicone (MVQ o VQM)	ME0303	30, 35, 40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Transparent	Yes	Transparent	Compound only suitable for static seals. Exceptional transparency similar to glass. Slows down the characteristic yellowing of the finished product. Ideal for aesthetic articles.	
Silicone (MVQ o VQM)	ME0305	30, 35, <u>40</u> , <u>45</u> , <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , <u>75</u> , <u>80</u> , 85	Brick red	Yes	Eco	Compound only suitable for static seals. Normal mechanical characteristics and Compression Set.	

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Silicone (MVQ o VQM)	ME0306	<u>20</u> , 25, <u>30</u> , 35, <u>40</u>	Orange	Yes	Low hardness	Compound only suitable for static seals with very low grades of hardness. Below average mechanical characteristics and Compression Set only just sufficient. Carefully evaluate the type of seal.	
Silicone (MVQ o VQM)	ME0307	30, 35, 40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Dark yellow	Yes	Gas resistant	Compound only suitable for static seals. Low gas permeability. Excellent mechanical characteristics and Compression Set.	
Silicone (MVQ o VQM)	ME0309	30, 35, 40, 45, <u>50</u> , <u>55</u> , <u>60</u> , <u>65</u> , <u>70</u> , 75, 80	Blue	Yes	Compression	Compound only suitable for static seals and where an excellent Compression Set, low buckling under pressure and exceptional constancy are required. Suitable for use in contact with water.	
Silicone (MVQ o VQM)	ME0320	30, 35, 40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Dark grey	Yes	Tear resistant	Compound only suitable for static seals. Formulation studied for articles that need a good resistance to tearing. Normal characteristics.	
Silicone (MVQ o VQM)	ME0333	40, 45, 50, 55, <u>60</u> , 65, <u>70</u> , 75, 80	Bright red	Yes	Platinic	Compound only suitable for static seals. Good Compression Set and very good mechanical characteristics. Exceptional elasticity. Characteristics very similar to Liquid Silicone. Platinic acceleration.	
Silicone (MVQ o VQM)	ME0345	30, 35, 40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Sky blue	Yes	Vapour resistant	Compound only suitable for static seals. Use in presence of vapours guaranteed up to 140°C with excellent mechanical characteristics and Compression Set.	
Silicone (MVQ o VQM)	ME0350	40, 45, 50, 55, 60, 65, <u>70</u> , 75, 80	Beige	Yes	Flame resistant	Compound only suitable for static seals. Formulation devised to extinguish flame. Suitable for safety articles, wiring and electrical goods.	

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Silicone (MVQ o VQM)	ME0365	30, 35, 40, 45, 50, 55, 60, 65, <u>70</u>	Light yellow	Yes	Oil2	Compound only suitable for static seals. Normal mechanical characteristics and Compression Set. Self-lubricating formulation with the addition of 2 % of oil.	
Silicone (MVQ o VQM)	ME0367	30, 35, 40, 45, 50, 55, <u>60</u> , 65, 70	Light yellow	Yes	Oil4	Compound only suitable for static seals. Normal mechanical characteristics and Compression Set. Self-lubricating formulation with the addition of 4 % of oil.	
Silicone (MVQ o VQM)	ME0369	30, 35, 40, 45, 50, 55, <u>60</u> , 65, 70	Light yellow	Yes	Oil6	Compound only suitable for static seals. Normal mechanical characteristics and Compression Set. Self-lubricating formulation with the addition of 6 % of oil.	
Silicone (MVQ o VQM)	ME0370	30, 35, 40, 45, <u>50</u> , 55, <u>60</u> , 65, <u>70</u> , 75, 80, 85, 90	Bright red	Yes	Standard	Standard Compound for general use suitable only for static seals. Excellent mechanical characteristics and Compression Set. It lends itself particularly to pneumatic applications up to 210°C and to contact with water up to 100°C.	
Silicone (MVQ o VQM)	ME0371	30, 35, 40, 45, 50, <u>55</u> , <u>60</u> , 65, <u>70</u> , 75, 80, 85	White	Yes	Super	Compound suitable only for static seals of medium/high range. Can be coloured in an excellent manner since it is transparent based. Mechanical characteristics and Compression Set superior to other silicone compounds. Ideal for uses that require certainty of seal.	
Silicone (MVQ o VQM)	ME0399	40, 45, 50, 55, <u>60</u> , 65, <u>70</u> , 75, 80	Bright red	Yes	Platinic Eco	Compound suitable only for static seals. Good Compression Set and very good mechanical characteristics. Exceptional elasticity. Characteristics very similar to liquid silicone.	

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Silicone (MVQ o VQM)	ME2020	10, 15, 20, 25, <u>30</u> , 35, <u>40</u> , 45, <u>50</u> , 55, <u>60</u> , <u>65</u> , <u>70</u> , 75, <u>80</u>	Bright red	Yes	Biomedical and alimentary	Compound suitable only for use in static seals, it lends itself particularly to pneumatic applications where it has good performance up to 210 °C. Type approved for contact with hot and cold drinking water. Corresponds to the characteristics of the medical and alimentary sectors, according to all the standards of those sectors.	
Styrene butadiene (SBR)	ME0410	40, 45, 50, 55, 60, 65, 70, 75, 80	Black	Yes	Economical	Economical compound for use in systems in contact with glycol based fluids and refrigerating fluids. Not suitable for contact with mineral oils, hydrocarbons and ozone.	WRC-WRAS, DVGW-KTW, ACS, NSF61, DVGW-W270
Styrene butadiene (SBR)	ME0470	40, 45, 50, 55, 60, 65, 70, 75, 80	Black	Yes	Standard	Standard compound for use in systems in contact with glycol based fluids and refrigeratin fluids. Stable behaviour within an ample spectrum of temperatures: -50° / 100°C. Not suitable for contact with mineral oils, hydrocarbons and ozone.	
Fluorosilicone (MFQ o FVQM)	ME0555	40, 45, 50, 55, 60, 65, 70, 75, 80	Sky blue	Yes	Standard	Coloured compound. This particular compound finds use in extreme applications, such as aeronautical ones, thanks to its high elasticity at both high and low temperatures, and its compatibility with fluids of different natures including mineral oils, hydrocarbons and air.	
Chloroprene (CR)	ME0670	40, 45, 50, 55, 60, 65 70, 75, 80	Black	No	Standard	Compound that presents good resistance to ageing and atmospheric agents, it is suitable for the sealing of saline solutions, ammonia and refrigerating gases.	

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Chloroprene (CR)	ME0677	40, 45, 50, 55, 60, 65, 70, 75, 80	Black	No	Flame resistant	Capable of maintaining constant chemical and physical characteristics for an ample spectrum of temperatures, it presents a distinct capacity of resistance to direct flame. Suitable for use in domestic equipment.	
Vamac (EAM)	ME0770	60, 65, <u>70</u> , 75, 80	Black	No	Standard	Compound suitable for use in contact with mineral oils even at high temperatures (160°C), it is resistant to ageing on contact with air and ozone up to temperatures of 180°C.	
Hydrogenated Nitrile (HNBR)	ME0870	50, 55, 60, 65, <u>70</u> , <u>70V</u> , <u>75</u> , 80, 85, <u>90</u>	Black	Yes	Standard	Usable in a wide range of pneumatic and hydraulic applications due to its high resistance to ageing and its compatibility with many fluids. Type approved for gas seals. It presents excellent mechanical properties and resists in hot air up to temperatures of 160°C.	EN549
Urepan (AU)	ME1070	50, 55, 60, 65, 70, 75, 80	Black	Yes	Standard	Excellent resistance to wear and high elasticity, low gas permeability and good resistance to hydrolysis.	
Polyacrylate (ACM)	ME1170	50, 55, 60, 65, 70, 75, 80	Black	No	Standard	This is a compound that presents good resistance to ageing, excellent tolerance with lubricants of various natures, therefore ideal for applications in the automobile sector.	
Epichlorohydrin (ECO)	ME1270	50, 55, 60, 65, 70, 75, 80	Black	No	Standard	Usable in a wide range of pneumatic and hydraulic applications due to its high resistance to ageing and its compatibility with many fluids. Its low gas permeability allow its use in vacuum seal applications. Good elastic characteristics even at low temperatures.	

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Butyl (IIR)	ME1370	50, 55, 60, 65, 70, 75, 80	Black	No	Standard	Good vacuum sealing and resistance to ageing caused by contact with air and ozone. High level of electrical insulation. Usable for seals in contact with refrigeration fluids.	
Butadiene (BR)	ME1470	50, 55, 60, 65, 70, 75, 80	Black	No	Standard	Very resistant to ageing and abrasion, conserves good elastic properties even at low temperatures.	
Chlorobutyl (CIIR)	ME1570	50, 55, 60, 65, 70, 75, 80	Black	No	Standard	Presents physical and chemical characteristics similar to compound IIR from which it derives. The addition of chlorine gives it greater elasticity and a low Compression Set value even at low temperatures.	
Chlorosulphonat- polyethylene (CSM)	ME1670	50, 55, 60, 65, 70, 75, 80	Black	Yes	Standard	Excellent resistance to ageing and good dielectric characteristics and flame resistance. Not suitable for use in contact with mineral oils and aromatic hydrocarbons.	
Perfluoro (FFPM or FFKM) (Hypalon)	ME1770	50, 55, 60, 65, 70, 75, 80	Black	Yes	Standard	Very high compatibility with many fluids and excellent resistance to ageing. Maintains its chemical and physical characteristics up to very high temperatures, close to 300°C. It is not usable in dynamic applications at low temperatures, between -25°C and -30°C, as it loses much elasticity and becomes fragile.	