Rubber	Marking	Temperatur range °C	Characteristics and application
EPDM Ethylene propylene diene monomer		-40 to +100	 Excellent resistance against aging, UV, ozone, sunlight and weathering. Ideal for outdoor service. Good gas tightness. Outstanding hot water and vapor resistance. Good resistance to heat, ozone, alkalis and oxygenated solvents. Highly soak-resistant and chemical resistant to dilute acids, bases, acetone and alcohol. Good general purpose elastomer. Standard blend: conductive with ATEX certification. Do not use with petroleum oil service such as aliphatic, aromatic or chlorinated hydrocarbons.
EPDMht Ethylene propylene diene monomer		-40 to +140	 > Permanent high temperature resistant up to 140°C. > Excellent resistance against aging, UV, ozone, sunlight and weathering. Ideal for outdoor service. > Good gas tightness. > Outstanding hot water and vapor resistance. > Good resistance to heat, ozone, alkalis and oxygenated solvents. > Highly soak-resistant and chemical resistant to dilute acids, bases, acetone and alcohol. > Do not use with petroleum oil service such as aliphatic, aromatic or chlorinated hydrocarbons.
EPDMwras Ethylene propylene diene monomer	-	-40 to +100	 Drinking water approval according to British WRAS, German KTW and French ACS standard. United states FDA compliant. Outstanding hot water and vapor resistance.
EPDMbeige Ethylene propylene diene monomer		-40 to +100	 > Bright rubber grade for fat free foodstuff. > Can be used in direct contact with food, beverage, and pharmaceutical products. > United states FDA and German BfR compliant. > Non-conductive.
IIR Isobutylene isoprene rubber	-	-20 to +100	 > Lowest permeability. > Very good resistance to water, heat, animal fats, veg. oils, greases, ozone, alkalis, sunlight, and oxygenated solvents. > Highly resistant to many dilute acids and bases. > Not very resistant to aliphatic, aromatic and chlorinated hydrocarbons.
CSM Chloro-sulfonated polyethylene rubber		-20 to +100	 > Outstanding resistance to weather, particularly sunlight and ozone. > Superior flame and abrasion resistance as well as excellent resistance to acids, alkalis and oxidation. > Good general oil resistance, also at elevated oil temperatures e.g. to be used for air compressors with oil aerosols.
NBR Nitrile butadiene rubber		-30 to +100	 Good heat and aging resistance, especially if air is kept out (e.g. in oil). Excellent soak-resistance against non-polar or slightly polar media, e.g. fuels, butane and propane, mineral oils, hydrocarbon solvents, dilute acids, alkalis, lubricants, greases, vegetable and animal fats or oils. Moderate aging properties.
NBRbeige Nitrile butadiene rubber		-30 to +100	 > Bright rubber grade for fatty and oily foodstuff. > Can be used in direct contact with food, beverage, and pharmaceutical products. > United states FDA and German BfR compliant. > Non-conductive.



Rubber	Marking	Temperatur range °C	Characteristics and application
CR Chloroprene rubber		-20 to +90	 > Very good UV, ozone and weather resistance. > Flame retardant, as well as abrasion resistant. > Resists alkalis, inorganic acids, and salt solutions. > Chemical resistance against alkalis, dilute acids, aqueous salt solutions and reductive agents. > Good resistance to animal and vegetable oils. > Adequate resistance to paraffinic, naphthenic and high-molecular oils. Moderate resistance to petroleum oils. > Not suitable for oxidizing materials and concentrated mineral acids.
NR Natural rubber		-20 to +70	 Excellent resilience and rebound elasticity of up to 600 % with high tensile strength. Excellent resistance to tear and abrasion. Satisfactory heat aging and ozone resistance. Low resistance to hot water and steam. Poor resistance to solvents and petroleum products Not resistant to chlorinated hydrocarbons, aromatics, esters and ketones.
FPM Fluorine polymer		-20 to +180	 Excellent aging, UV, ozone and weather resistance. Most universal chemical resistance. Excellent resistance to aggressive chemicals, solvents, and halogenated hydrocarbons, also hot oils, aliphates and aromatics. Excellent resistance to steam up to 120°C, aqueous acids, amines and concentrated caustics/bases/alkalis. High gas-tightness. Non-conductive.
FPMbeige Fluorine polymer		-20 to +180	 > Bright rubber grade with excellent chemical and temperature resistance. > Can be used in direct contact with food, beverage, and pharmaceutical products. > United states FDA compliant. > Non-conductive.
Q Silicone		-60 to +200	 Excellent resistance to aging, UV, ozone and weather. Bright rubber grade can be used in direct contact with food, beverage, and pharmaceutical products. United states FDA and German BfR compliant. Satisfactory resistance to oils of alphatic nature. Should not be used permanently with steam over 120°C. Not resistant to fuels, chlorinated hydrocarbons, esters, ketones or ether. Highly susceptible to acids and bases. Satisfactory gas-tightness.

> Non-conductive.