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.