

GASKETS AND SEAL ELASTOMER CHART



ELASTOMER CHART

PHE Sealing Solutions manufactures PHE gaskets in 9 different materials designed to cater to different applications in various industries. Our compounds are manufactured with the best quality raw materials. We produce gaskets in both, industrial and food grade materials made from the elastomers mentioned below. All food grade gaskets are manufactured as per FDA CFR 177.2600.

GASKET MATERIAL

TYPICAL RANGE

TYPICAL APPLICATIONS

GASKET MATERIAL	TYPICAL RANGE	TYPICAL APPLICATIONS
NBR	-15°C to 120°C	Dairy Products, beverages, pharmaceutical and biochemical media, gasoline, industrial and vegetable oils, alkalis and organic solvents
NBR HT	-10°C to 130°C	High Temperature oil
EPDM	-25°C to 150°C	Milk, and other low-fat operations, water and steam, inorganic and polar Chemicals
EPDM HT	-10°C to 160°C	High Temperature Steam media,
HNBR	-15°C to 160°C	Mining, high temperature oil, steam, high temperature fatty acids and vegetable oils
BUTYL	-10°C to 150°C	Alkali, acids, aldehydes, ketones, phenols and some esters
VITON A/B	-15°C to 230°C	Oils, fuels, lubricants and most mineral oils, mineral acids, high temperature vegetable oil
VITON G	-15°C to 230°C	Organic solvents, chemicals, concentrated inorganic acid, sulphuric acid, steam and hot water