
PURE GUM RUBBER (PGR)

Excellent resiliency, tensile strength, and abrasion resistance. Generally good for most weak chemicals, wet or dry organic acids, sodium hydroxide (caustic), alcohols and ketones.

Affected By: Ozone, strong acids, fats, oils, greases, wet chlorine gas, methane and most hydrocarbons.

Operating Temperature Range: -50° F to +180° F

NEOPRENE

Generally resistant to moderate chemicals, ozone, fats, sodium hydroxide (caustic), methane and most hydrocarbons.

Affected By: Strong oxidizing acids, acetic acid, ketones, wet chlorine gas, chlorinated and nitro-hydrocarbons, and aromatic hydrocarbons.

Operating Temperature Range: -50° F to +230° F

WHITE FOOD GRADE NEOPRENE

Generally resistant to moderate chemicals, ozone, fats, sodium hydroxide (caustic), methane and most hydrocarbons.

Affected By: Strong oxidizing acids, acetic acid, ketones, wet chlorine gas, chlorinated and nitro-hydrocarbons, and aromatic hydrocarbons.

Operating Temperature Range: -50° F to +230° F

EPDM (NORDEL)

Excellent abrasion and chemical resistance at elevated temperatures. Good with dilute acids (sulfuric & acetic), steam, ketones, sodium hydroxide (caustic), hydrogen sulfide and domestic wastewater. Good UV resistance. Also used with radioactive wastewaters.

Affected By: Petroleum oils, hydrochloric acid, concentrated methane, wet chlorine gas.

Operating Temperature Range: -50° F to +300° F

WHITE FOOD GRADE EPDM (NORDEL)

Excellent abrasion and chemical resistance at elevated temperatures. Good with dilute acids (sulfuric & acetic), steam, ketones, sodium hydroxide (caustic), hydrogen sulfide and domestic wastewater. Good UV resistance. Also used with radioactive wastewaters.

Affected By: Petroleum oils, hydrochloric acid, concentrated methane, wet chlorine gas.

Operating Temperature Range: -50° F to +300° F

BUNA-N

Resistant to many hydrocarbons, fats, oils, grease, kerosene, and moderate chemicals. Excellent with methane.

Affected By: Ozone, strong acids, hydrogen sulfide and ketones.

Operating Temperature Range: -30° F to +230° F

WHITE FOOD GRADE BUNA-N

Resistant to many hydrocarbons, fats, oils, grease, kerosene, and moderate chemicals. Excellent with methane.

Affected By: Ozone, strong acids, hydrogen sulfide and ketones.

Operating Temperature Range: -30° F to +230° F

HYPALON

Resistant to heat, ozone, weathering, sodium hydroxide (caustic), and oxidizing chemicals. Good resistance to strong acids at room temperature and methane. Resistant to some hydrocarbons, alcohols

Affected By: Aromatic ketones, acetyl compounds, benzene compounds, petroleum oils, wet chlorine gas.

Operating Temperature Range: -50° F to +300° F

VITON

Resistant to many halogenated hydrocarbons, fats, oils, grease, sodium hydroxide (caustic), solvents and most chemicals. Excellent resistance to ozone, oxygen, methane, and weathering.

Affected By: Ketones, esters, hydrogen sulfide, and anhydrous ammonia.

Operating Temperature Range: -10° F to +400° F

WHITE FOOD GRADE VITON

Resistant to many halogenated hydrocarbons, fats, oils, grease, sodium hydroxide (caustic), solvents and most chemicals. Excellent resistance to ozone, oxygen, methane, and weathering.

Affected By: Ketones, esters, hydrogen sulfide, and anhydrous ammonia.

Operating Temperature Range: -10° F to +400° F