

The below suitability and restrictions must be taken into consideration for products used in food and drug applications according to:

FDA CFR 21: 177.2600 / FDA CFR: 21:177.1550 / EU 1935/2004 / EU 2023/2006/ EU10/2011



- EPDM:** Good resistance to alcohol, ketones, mineral acids and alkalis. Suited for CIP
Not suited with oils and hydrocarbons and fatty foods.
Not recommended for milk fat concentrations higher than 8%
Temperature range from -40°C to +140°C
- FPM/FKM:** High resistance to most commonly used chemicals in food, dairy and pharmaceutical applications.
Not suited in ketones, esters, hot concentrated caustic solutions or steam.
Temperature range from -20°C to +200°C
- VMQ/SIL:** Chemical resistant to most commonly used chemicals in food, dairy and pharmaceutical applications.
Good resistance to oxidizing agents, alkali solutions, animal and vegetable fat.
Not recommended in steam, strong acids and alkaline. Low mechanical properties
Temperature range from -60°C to +200°C
- NBR:** Good resistance to mineral oil, animal and vegetable fat.
Not recommended for CIP
Temperature range from -30°C to +100°C
- PTFE:** Universal chemical resistance.
Caution to be taken for cold flow and overtightening
Temperature range from -100°C to +250°C
- PTFE:** Universal chemical resistance.
(Envelope) Composite gasket, outer PTFE shell and an inner FPM insert providing elasticity
Temperature range from -20°C to +200°C
- KALREZ:** Outstanding universal chemical resistance.
Suitable for CIP, SIP and WFI
Temperature range from -20°C to +250°C
- PUR:** Good resistance to mineral oil, fat and water. Not suited for SIP
Temperature range from -20°C to +100°C

In accordance with FDA cfr21: 177.2600(g), good manufacturing practice, rubber articles intended for contact with food must be thoroughly cleaned prior to food contact