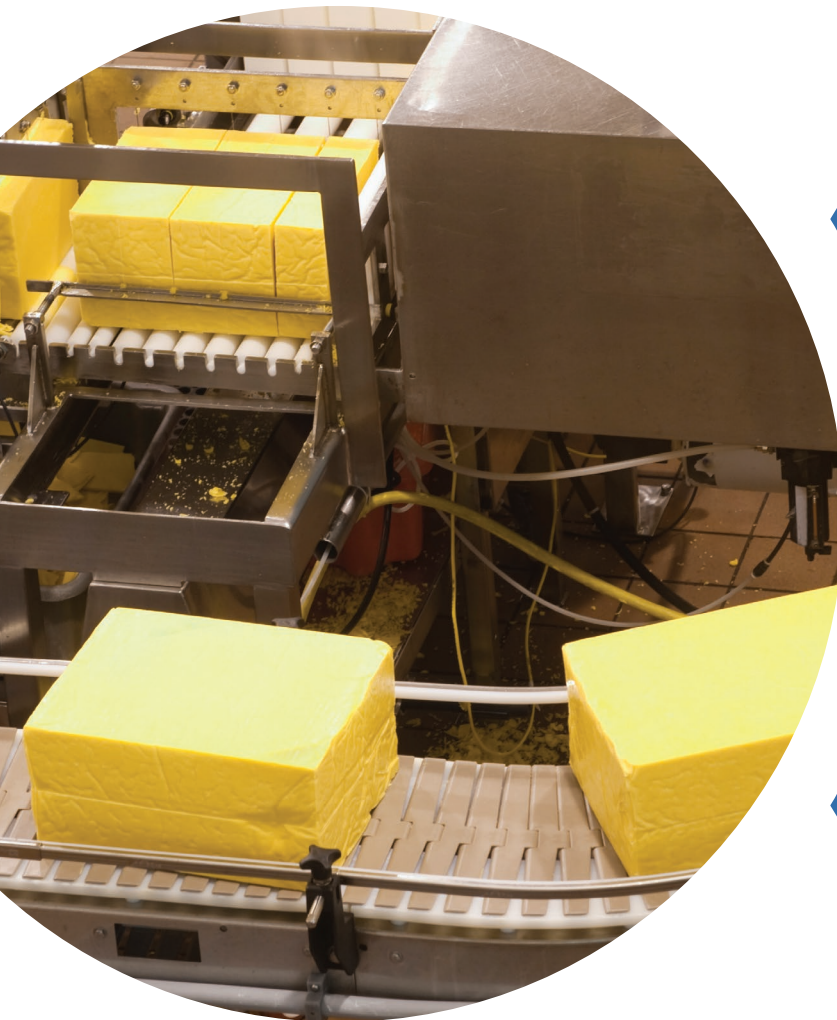


METAL & X-RAY DETECTABLE MATERIAL

A SEAL INNOVATION'S PRODUCT



Introducing



INNOVATIVE NEW PRODUCT SPECIFICALLY DESIGNED FOR THE FOOD INDUSTRY BY SEAL INNOVATIONS

- Machineable - 85+ Shore
- Injection Mouldable
- Compression Mouldable
- Any Shore for Moulded Parts
- Available Colours: Blue, Grey, Black, Green



MXD MATERIALS

NITRILE (NBR MXD)

Trade Names:	Chemigum, Hycar, Krynac, Nysyn, Paracil, Perbunan
Description:	Most common and economical material. Good resistance to petroleum based products, mineral oils, silicone grease, water, alcohols, animal fats and reasonable resistance to caustic chemical solutions. Low compression set, high tensile strength and high abrasion resistance.
Temperature Range:	-40°C to 100°C (Standard industrial compound)
Limitations:	Acetone, MEK, chlorinated and nitro hydrocarbons, strong acids, direct sunlight

ETHYLENE-PROPYLENE (EPDM MXD)

Trade Names:	Nordel, Epcar, Vistalon, Epsyn, Royalene
Description:	Excellent outdoor weather, ozone and water resistance. Good resistance to chemicals unsuited to Nitrile - ketones, MEK, Acetone, steam.
Temperature Range:	-40°C to 100°C (Standard industrial compound)
Limitations:	Animal fats, mineral oils

SILICONE (VMQ MXD)

Trade Names:	Baysoline, Silastic, Silplus
Description:	Good resistance to petroleum based products, mineral oils, water, ozone, alcohols, animal fats, caustic and acidic chemical solutions. Primarily used in static situations with high heat.
Temperature Range:	-70°C to 200°C (Standard industrial compound)
Limitations:	Low abrasion and tear resistance, low compression set with high temperature range



FLUOROCARBON (FKM MXD)

- Trade Names:** Viton, Fluorel, Technoflon
- Description:** Combines high temperature with outstanding chemical resistance, fats and oil resistant. The ideal universal compound - but it's expensive.
- Temperature Range:** -28°C to 200°C (Standard industrial compound)
- Limitations:** Direct contact with steam, low temperature flexibility, ketones, esters, ethers, nitro hydrocarbons

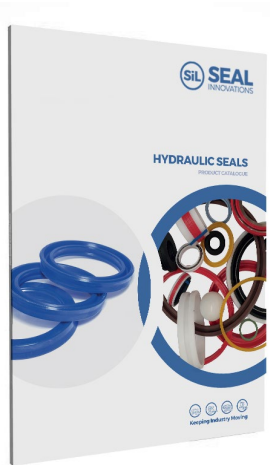
POLYURETHANE (PU MXD)

- Trade Names:** Too many to name
- Description:** Outstanding abrasion resistance and tensile strength, ideal for high pressure applications. Good resistance to petroleum based products and mineral oils.
- Temperature Range:** -20°C to 110°C (Standard industrial compound)

Metal and X-Ray Detectable plastics available in ACETAL, PEEK, PTFE, UHMWPE.



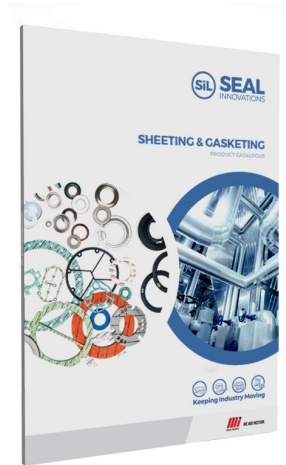
OTHER PRODUCTS & SERVICES



*Hydraulic
Seals*



*Mechanical
Seals*



*Sheetting and
Gasketing*



*Business
Profile*



*Mechanical Seal
Refurbishment*



*On Demand Seal
Manufacturing*

sealinnovations.co.nz

Auckland (CS)

09 636 5239
auckland@sealinnovations.co.nz

Hamilton (HO) (CS) (MA) (ME) (GP)

07 847 4439
hamilton@sealinnovations.co.nz

foodandbev@sealinnovations.co.nz

Christchurch (CS) (ME)

03 341 8043
christchurch@sealinnovations.co.nz

Wellington (CS)

04 566 6754
wellington@sealinnovations.co.nz

Dunedin (CS)

03 479 2484
dunedin@sealinnovations.co.nz

- (HO) Head Office
- (CS) Counter Sales
- (GP) Gasket Production

- (MA) Machine Shop
- (ME) Mechanical Seal Servicing



WE ARE MOTION.