

# ProGum

ELASTOMER TECHNOLOGY CO., LTD



**O-RING**



**X-RING**



**RUBBER MOLDED PARTS**



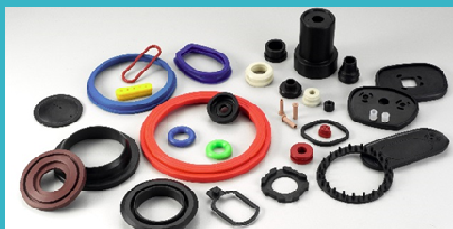
**FILTER SEAL**



**RUBBER-TO-METAL  
BONDING GASKET**



**DIAPHRAGM**



**RUBBER MOLDED GASKET**



**BONDED SEAL**



**OIL SEAL**

	<b>STANDARD</b>
	<b>SELF-CENTRALISING</b>
	<b>UA BONDED SEAL</b>
	<b>DIN3869</b>
	<b>BACKUP RING</b>
	<b>SLIMLINE SEAL</b>

<u>METAL CASE</u>	<u>ELASTOMER RUBBER</u>
Carbon Steel AISI1008-1010	NBR
Stainless Steel SUS304/SUS316	ACM
<u>METAL SPRING</u>	FKM / Viton
Carbon Steel AISI1050-1070	EPDM
Stainless Steel SUS304	SILICONE

## Material Selection

Material	Polymer	Generally Resistant To
NBR	Buna N, Nitrile	Petroleum based oils & fuels, Vegetable & Silicone oils, Ethylene glycol, Water to below 100°C
EPDM	Ethylene Propylene	Water, Steam and Automotive brake fluids, Ozone, Aging & Weathering
FKM	Fluorocarbon	High temperature air, Ozone and Weather, Mineral oil, Silicone Oil, High vacuum, Strong Acid
HNBR	Hydrogenated Nitrile	Petroleum based oils & fuels, Aliphatic hydrocarbons, Vegetable & Silicone oils, Water, Steam
AF	Aflas	High Temperature, Chemicals and Oils
CR	Chloroprene	Ozone, Aging, Weather and Chemicals
AEM	Ethylene Acrylic	Hot Air, Ozone, Weather, Automatic transmission fluid (ATF), Water
ACM	Polyacrylate	Mineral Oils, Transmission and Steering fluids, Ozone, Weather, Hot air
FVMQ	Fluorosilicone	Fuels, Aromatic Mineral oils, Benzene, Ozone and Weather
NR	Natural Rubber	Alcohols, Organic acids, High resilience and strength, Good abrasion resistance
FFKM	Perfluoroelastomer	Best fluids resistance of any elastomer
VMQ	Silicone	Engine and Transmission Oils, Mineral Oils, Moderate water, Dry heat, Ozone, Weather

### Drinking Water Application

- NSF61 (USA Drinking Water)
- WRAS (UK Drinking Water)
- ACS (France Drinking Water)
- W-270 (Germany Drinking Water)
- KTW (Germany Drinking Water)



### Pipe & Gas Application

- DIN EN549 B1H3
- DIN EN549 B2H3

### Pipe Joint Seals in Water & Drainage

#### Application

- Compliant to EN681-1 WC