

Daraclean Compatibility with Plastics and Elastomers

Aqueous cleaners are known to have adverse effects on some gasket materials while having no effect on others. Adverse effects may include swelling and plasticising (softening) or swelling and disintegration (brittleness). The following lists Daraclean compatibility with a variety of elastomers when tested at 45°C for 92 days.

DARACLEAN		212	235	236	282	282GF	283
Fluorinated Elastomer	Viton	E	E	E	E	E	E
Fluorinated Elastomer	PVDF	E	E	E	E	E	E
Fluorinated Elastomer	Teflon®	E	E	E	E	E	E
Fluorinated Elastomer	Kalrez®	E	E	E	E	E	E
Composite	Ceramics	E	E	E	E	E	E
Composite	Nickel Graphite	E	E	E	E	E	E
Fiber	Nylon	E	E	E	E	E	E
Chloroprene	Neoprene	G	G	G	G	G	G
Polyvinyl Chloride	PVC	E	E	E	E	E	E
Isobutylene Isoprene	Butyl	G	G	G	G	G	G
Ethylene Propylene	E P Rubber	G	G	G	G	G	G
Polysulfide	Thiokol	G	G	G	G	G	G
Chlorosulfonated PE	Hypolon	G	G	G	G	G	G
Chloro Polyvinyl Chloride	CPVC	G	G	G	G	G	G
Polypropylene	Polypropylene	G	G	G	G	G	G
E P Diene Monomer	EPDM	G	G	G	G	G	G
Polyisoprene	Latex (Natural) Rubber	F	F	F	F	F	F
Syn. Polyisoprene	Latex(Synthetic)Rubber	F	F	F	F	F	F
Polyester/Polyether	(Poly)Urethane	F	F	F	F	F	F
Poly Methyl Methacrylate	Plexiglass	F	F	F	F	F	F
Styrene Butadiene	Buna-S	F	F	F	F	F	F
Styrene Nitrile Copolymer	Buna-N	F	F	F	F	F	F

Code:

E = Excellent. No effect.

G = Good. Little or no effect

F = Fair. Slight swelling, softening or brittleness. Switch to an alternate elastomer if possible.

P = Poor. Swelling, softness or brittleness noted. Not recommended for use with Daraclean.