

Ozone Material Compatibility Chart

Material	Rating
ABS plastic	B-Good
Acetal (Delrin®)	C-Fair
Acrylic (Perspex®)	B-Good
Aluminum	B-Good
Brass	B-Good
Bronze	B-Good
Buna-N (Nitrile rubber)	D-Poor
Butyl	A-Excellent
Cast Iron	C-Fair
Chemraz	A-Excellent
Copper	B-Good
CPVC	A-Excellent
Cross-Linked Polyethylene (PEX)	A-Excellent
Durachlor-51	A-Excellent
EPDM	B-Good
EPR	A-Excellent
Ethylene-Propylene	A-Excellent
Fiber Reinforced Plastics (FRD)	D-Poor
Flexelene	B-Good
Fluorosilicone	A-Excellent
Galvanized Steel	C-Fair
Glass	A-Excellent
Hastelloy-C®	A-Excellent
HDPE	A-Excellent
Hypalon®	C-Fair
Hytrel®	C-Fair
Inconel	A-Excellent
Kalrez	A-Excellent
Kel-F® (PCTFE)	A-Excellent
Latex	D-Very Poor
LDPE	B-Good
Magnesium	D-Poor
Monel	C-Fair
Natural rubber	D-Very Poor
Neoprene	C-Fair
Nylon	D-Very Poor
PEEK	A-Excellent
Polycarbonate	B-Good
Polyamide (PA)	C-Fair
Polycarbonate	A-Excellent
Polyethylene	B-Good
Polypropylene	C-Fair
Polypropylene (glass-filled) [GFPP]	C-Fair
Polysulfide	B-Good
Polyurethane, Millable	A-Excellent
PTFE	A-Excellent
PVC	A-Excellent
PVDF (Kynar®)	A-Excellent
Santoprene	A-Excellent
Silicone	A-Excellent
Stainless steel - 304/316	A-Excellent
Stainless Steel-other grades	B-Good
Titanium	A-Excellent
Tygon	B-Good
Vamac	A-Excellent
Viton	A-Excellent
Zinc	D-Poor

Rating	Description
A - Excellent	Ozone has no effect on these materials. They will last indefinitely.
B - Good	Ozone has minor effect on these materials. Prolonged use with high concentrations of ozone will break down or corrode these materials beyond usefulness.
C - Fair	Ozone will break down these materials within weeks of use. Prolonged use with any ozone concentration will break down or corrode these materials beyond usefulness.
D - Poor	Ozone will break down these materials within days or even hours of use. These materials are not recommended for any use with ozone.

<http://www.ozonesolutions.com/info/ozone-compatible-materials>

Material	Rating
Natural rubber	D-Very Poor
Nylon	D-Very Poor
Latex	D-Very Poor
Buna-N (Nitrile rubber)	D-Poor
Fiber Reinforced Plastics (FRD)	D-Poor
Magnesium	D-Poor
Zinc	D-Poor
Aluminum	C-Fair
Acetal (Delrin®)	C-Fair
Cast Iron	C-Fair
Galvanized Steel	C-Fair
Hypalon®	C-Fair
Hytrel®	C-Fair
Monel	C-Fair
Neoprene	C-Fair
Polyamide (PA)	C-Fair
Polypropylene	C-Fair
Polypropylene (glass-filled) [GFPP]	C-Fair
EPDM	B-Good
ABS plastic	B-Good
Acrylic (Perspex®)	B-Good
Brass	B-Good
Bronze	B-Good
Copper	B-Good
Flexelene	B-Good
LDPE	B-Good
Polycarbonate	B-Good
Polyethylene	B-Good
Polysulfide	B-Good
Stainless Steel-other grades	B-Good
Tygon	B-Good
PEEK	A-Excellent
PVC	A-Excellent
CPVC	A-Excellent
Butyl	A-Excellent
Chemraz	A-Excellent
Cross-Linked Polyethylene (PEX)	A-Excellent
Durachlor-51	A-Excellent
EPR	A-Excellent
Ethylene-Propylene	A-Excellent
Fluorosilicone	A-Excellent
Glass	A-Excellent
Hastelloy-C®	A-Excellent
HDPE	A-Excellent
Inconel	A-Excellent
Kalrez	A-Excellent
Kel-F® (PCTFE)	A-Excellent
Polyurethane, Millable	A-Excellent
PVDF (Kynar®)	A-Excellent
Santoprene	A-Excellent
Silicone	A-Excellent
Stainless steel - 304/316	A-Excellent
PTFE	A-Excellent
Titanium	A-Excellent
Vamac	A-Excellent
Viton	A-Excellent
Polycarbonate	A-Excellent