This document is a guide to determine which materials are subject to damage or corrosion by O3 (ozone). This guide is recommended for safe use of an ozone generator on a continuous disinfection cycle. Occasional use of ozone generators does not present harm to the materials listed in this guide. This guide is only for those who use ozone generator frequently such as businesses and public places.

	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.

Material	Rating	Material	Rating
ABS Plastic	B	LDPE	B
Acetal (Delrin®)	C	Magnesium	D
Acrylic (Perspex®)	B	Monel	C
Aluminum	C (wet ozone) / B (dry ozone)	Natural Rubber	D
Brass	B	Neoprene	C
Bronze	B	Nylon	D
Buna-N (Nitrile)	D	PEEK	A
Butyl	A	Polyacrylate	B
Cast Iron	C	Polyamide (PA)	C
Chemraz	A	Polycarbonate	A
Copper	B	Polyethelyne	B
CPVC	A (does get brittle)	Polypropylene	C
Cross-Linked Polyethylene (PEX)	A	Polypropylene (glass-filled) (GFPP)	C
Durachlor-51	A	Polysulfide	B
EPDM	C (wet ozone) / B (dry ozone)	Polyurethane, Millable	A
EPR	A	PVC	A (wet ozone) / B (dry ozone) - does get brittle

Ethylene-Propylene	A	PVDF (Kynar)	A
Fiber Reinforced Plastics (FRD)	D	Santoprene	A
Flexelene	B	Silicone	A
Fluorosilicone	A	Stainless Steel - 304/316	A
Galvanized Steel	C	Stainless Steel - Other Grades	B
Glass	A	Steel (Mild)	D
Hastelloy-C®	A	PTFE	A
HDPE	A	Titanium	A
Hypalon®	C	Tygon	B
Hytrel®	C	Vamac	A
Inconel	A	Viton	A
Kalrez	A	Zinc	D
Kel-F (PCTFE)	A		