

## Shelf Life of Common Elastomers stored in proper conditions

Compound type	ASTM Designation	Shelf Life (Years)
Nitrile	NBR	5-10
Styrene Butadiene	SBR	5-10
Polybutadiene	BR	5-10
Polyisoprene	NR, IR	5-10
Urethane	AU, EU	5-10
Hypalon	CM, CSM	5-10
Butyl	IIR	5-10
Neoprene	CR	5-10
Ethylene Propylene	EPM, EPDM	5-10
Epichlorohydrin	CO, ECO	5-10
Silicone	MQ (MQ, VMQ, PVMQ)	Up to 20
Fluorosilicones	FVMQ	Up to 20
Fluorocarbon	FKM	Up to 20
Polyacrylate	ACM	Up to 20
Polysulfide	T	Up to 20
Perfluoroelastomer	FFKM	Up to 20

### Proper Storage Condition Recommendations:

Temperature:	40°F(4°C) – 80°F(26°C)
Humidity:	Below 75%, dry environment, avoid condensation
Light:	Protection from direct sunlight and artificial light with a high ultraviolet content
Oxygen and Ozone:	Protection from ozone generating equipment (electric motors, high voltage equipment) and from circulating air.
Deformation:	Should be stored in a relaxed condition free from tension, compression and other deformations
Contact with Metals:	Protection from contact with especially copper, manganese, iron (metals are known to have a damaging effect on rubber)
Contact with Liquids:	No contact especially with solvents, oils, greases.