

## \*\*SHELF LIFE GUIDE LINES FOR RUBBER POLYMERS

Common or Trade Name	Type of Rubber Polymer	ASTM D 1418 Designation	ASTM D 2000 Classification	Max Storage Life (Years) Per ARP5316 Rev B	Storage Life (Years) Per MIL-HDBK 695F
Butyl	Isobutylene-isoprene	IIR	AA, BA	Unlimited	20 Minumum
EPDM, EP Rubber	Ethylene-propylene	EPDM	BA, CA	Unlimited	20 Minumum
Fluorosilicone	Fluorosilicone	FVMQ	FVMQ	Unlimited	20 Minumum
Hydrin	Epichlorohydrin	CO, ECO	CH	*15	*15 Maximum
Natural Rubber	Polyisoprene	NR	AA	Not listed	3 Maximum
Neoprene/Chloroprene	Polychloroprene	CR	BC, BA	15	15 Maximum
Nitrile, Buna-N	Acrylonitrile-butadiene	NBR	BF, BG, BK, CH	15	15 Maximum
Urethane	Polyester urethane <u>2/</u>	AU	BG	Not listed	5 Maximum
Urethane	Polyether urethane	EU	BG	Not listed	5 Maximum
SBR	Styrene-butadiene	SBR	AA, BA	Not listed	3 Maximum
Silicone	Silicone	Q	FE, GE	Unlimited	20 Minumum
Synthetic Polyisoprene Rubber	Polyisoprene	IR	AA	Not listed	3 Maximum
Viton®	Fluoroelastomer	FKM	HK	Unlimited	20 Minumum

\*HNBR, Epichlorohydrin(ECO), Polyacrylate (ACM), Ethylene Acrylic (AEM) can be grouped similar to NBR due to similarities in polymer types.

\*\*All information provided in this chart are general guidelines and is for reference only. Please verify with your GSI Representative or the material manufacturer at time of purchase.