



June 28, 2023

Subject: Shelf-Life of Elastomeric Components Produced by Greene, Tweed

Greene, Tweed designates shelf-life as the maximum period our elastomeric products may be stored under the specified conditions listed below. Shelf-life begins at the time of cure and continues until the products are regarded as unserviceable for the purpose they were originally manufactured. The following chart specifies the maximum shelf-life (in years) based on the product polymer classification.

Polymer Classification	Polymer Description	Max Shelf Life (Years)
AU	Polyester Urethane	5
CR	Chloroprene	15
EPDM	Terpolymer of Ethylene, Propylene & Diene	30
EPM	Copolymer of Ethylene and Propylene	Unlimited
FEPM	Copolymer of Tetrafluoroethylene & Propylene	30
FFKM	Perfluoroelastomer	30
FKM	Fluoroelastomer	30
FMQ	Fluorosilicone Polymer	Unlimited
FVMQ	Fluorosilicone Rubber	Unlimited

Polymer Classification	Polymer Description	Max Shelf Life (Years)
HNBR	Hydrogenated Acrylonitrile-Butadiene	15
IIR	Isobutene-isoprene	Unlimited
MQ	Silicone	30
NBR	Acrylonitrile-Butadiene	15
PVMQ	Silicone Rubber	30
VMQ	Silicone Rubber	30
XNBR	Carboxylic-Acrylonitrile-Butadiene	15
YPBO	Polyether Ester	5

These durations in shelf-life apply only if products remain in their original unopened Greene, Tweed packaging and are kept in a storage environment at an ambient temperature maintained below 100°F (38°C) and above 59°F (15°C). Products shall be stored away from any alternate sources of heat, away from direct sunlight and/or UV light, and away from any source of ionizing radiation. Products shall remain dry and be stored away from possible contact with liquids, chemicals, and solvents that could damage the packaging and the products contained within. Care shall be taken to prevent deformation of the finished product while in storage.

The above shelf-life recommendations are broadly stated based on polymer classification. Some variation may exist for specific compounds. Please review your Certification of Conformance or contact your Greene, Tweed customer service representative to confirm the shelf-life of a specific compound.



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