

Standard Materials List		
Material Code	Standard Teflon & Filled PTFE Seal Element Materials	Temperature °F Min./Max
-01	Virgin PTFE - Low gas permeability - FDA approved - Great Cryogenic properties	-450°F up to 400°F
-02	Mineral Filled PTFE - FDA approved - Excellent wear material	-400°F up to 450°F
-03	UHMWPE - Low gas permeability - FDA approved - Excellent SES Material	-400°F up to 185°F
-04	Graphite Filled PTFE - Excellent for moderate applications & Non-abrasive	-450°F up to 600°F
-05	Carbon Graphite Filled PTFE - Excellent for high pressure applications	-450°F up to 600°F
-06	Proprietary Filled PTFE - Excellent for dry running & non-lubricated liquids	-450°F up to 600°F
-07	Glass Moly Filled PTFE - Tough long wearing material for extreme applications	-450°F up to 600°F
-08	Glass Filled PTFE - Excellent heat, wear, and chemical resistant properties	-450°F up to 650°F
-09	Ekonol Filled PTFE - Excellent heat and wear against soft metals & no lube	-450°F up to 650°F
-10	High Temperature UHMWPE - Super tough for heavy duty extreme applications	-4250°F up to 220°F

Material Code	For best performance we recommend matching seal case material with bore material being press fit.
Standard Metal Case Rotary Shaft Seal Case Materials	
C1	Low Carbon Steel - Recommended for cast iron or steel housings. Material is low cost
C2	Aluminum - Recommended for aluminum housing. Lightweight material
C3	304 Stainless Steel - Recommended for St. Stl. housing - Excellent against corrosion.
C4	316 Stainless Steel - Recommended for St. Stl. housing - Limited corrosion - FDA Approved

Material Code	Our standard gasket material is Durlon because it is very durable and cost effective.
Standard Metal Case Rotary Shaft Seal Gasket Materials	
-G1	Durlon - Standard
-G2	Viton
-G3	Viton FDA Approved
-G4	Nitrile Buna N
-G5	Nitrile Buna N FDA Approved
-G6	EPDM
-G7	EPDM FDA Approved