EASTERN SEALS

GLOBAL SEALING PROVIDER



PHARMACEUTICAL AND FOOD INDUSTRY



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MATERIAL TYPES (more available)	TEMPERATURE RANGE (°C)	AVAILABLE COMPLIANCES	MATERIAL TYPES (more available)	TEMPERATURE RANGE (°C)	AVAILABLE COMPLIANCES
PERFLUOROELASTOMER FFKM (Kalrez equivalent)	-30°C to +300°C	STANDARD, FDA, USP Class VI, 3-A	**NEOPRENE CR**	-40°C to +149°C	STANDARD, FDA
POLYTETRAFLUOROETHYLENE PTFE	-200°C to +250°C	STANDARD, FDA, WRAS	**HYDROGENATED NITRILE HNBR**	-40°C to +150°C	STANDARD, FDA, 3-A
EXPANDABLE POLYTETRAFLUOROETHYLENE EXPANDABLE PTFE	-240 c to + 300c	STANDARD, FDA	**NITRILE ACRYLONITRILE-BUTADIENE NBR-BUNA, NBR**	-35°C to +110°C	STANDARD, FDA, 3-A, WRAS, NSF, Metal Detectable
AFLAS TFE/P, FEPM	-9°C to +204°C	STANDARD, FDA	**SILICONE VMQ**	-55°C to +225°C	STANDARD, FDA, USP Class VI, 3-A, WRAS, Metal Detectable
ETHYLENE PROPYLENE DIENE MONOMER EPDM	-55°C to +150°C	STANDARD, FDA, USP Class VI, 3-A, WRAS, NSF, Metal Detectable	**ENCAPSULATED FEP / PFA**	FEP/V -20°C to +205°C FEP/S -60°C to +205°C PFA/V -20°C to +205°C PFA/S -60°C to +260°C	All FDA USP Class VI, 3-A
FLUOROCARBON FPM, FKM, VITON®	-15°C to +204°C	STANDARD, FDA, USP Class VI, 3-A, NSF, Metal Detectable	**METAL DETECTABLE**	Various materials available Temperature range guide -50°C to +200°C	STANDARD, FDA

SEALING ENVIRONMENTS EXAMPLES

Extreme Temperatures
Steam
Powders And Dust
Oils And Waxes
Amines And Solvents (SIP And CIP Cleaning)
Vacuum Environments
Dynamic Operating Conditions

PRODUCT TYPES

FEP / PFA Encapsulated
Kam-lock Gaskets
O-rings
Back-up Rings
Bonded Seals
X-rings (quad)
Washers & Gaskets
Metal Detectable O-rings
Mechanical Seals
Inflatable Seals
Custom Mouldings

TYPICAL APPLICATIONS

Hygienic Pipework
Reaction Vessels
Vertical / Horizontal Agitators
Mixers And Blenders
Centrifugal Pumps
Volumetric Pumps
Tablet Processing Machines
Valves
Gear Boxes

FDA WRAS APPROVED PRODUCT NSF A3 usp North East England Chamber of Commerce CERTIFIED LR ISO 9001 UKAS MANAGEMENT SYSTEMS 001 EC 1935/2004 ADI-FREE NOF nepic BPMA

EASTERN SEALS

GLOBAL SEALING PROVIDER



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