



More than a Seal. A Bond.

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Aerospace Linecard

Applications

Static Seal
Face seal
Radial Seal
Port pass over
Bushing/wear seals/guide rings
Debris exclusion seals
Low pressure dynamic
Low temperature seals
T Seals – piston and rod
MIL-G-5514F, AS 4716 gland seal
Flame proof seals
Landing gear seals
Airframe seals
Bonded seals
Radial oil seals
Propellant seals
Diaphragms and bellows
High P:V ratio seals

Materials

NBR
FKM
Polyurethane
EPDM/EPR
HNBR
XNBR
VMQ Silicone
FVMQ Fluorosilicone
Engineered plastics
PTFE
UHMW
POM/Acetal/Delrin
Custom blends
Low temperature formulation
FFKM Perfluoroelastomer
Friction modification

Seal Profiles & Types

O-rings
U-cups
Wear rings
Canned seals
D-rings
Anti-Extrusion
Combination seal/wiper
Square rings
Wipers
Backup seals
Open bore installation
Beveled rings
Piston seals
Press in place seal
Canned wipers
Quad rings
T seals
Spring energized lip seals
Combination rubber / plastic profiles
Fabric/fiber reinforced
Metal seals

Technical Support

Application review
Design recommendation
Gland analysis
Failure analysis
Specification risk analysis
Test bench validation
Rapid prototyping
FEA performance modeling

Quality

ISO 9001:2015
IATF 16949
First Article Inspection Report
Batch/Lot inspection
Certification
Ongoing material validation
FTIR verification
Source inspection and audits

