

STANDARD & CUSTOM SEALS



 **RT Dygert**
International

STANDARD & CUSTOM SEALS

RT/Dygert supplies seals and related custom designed parts to demanding Original Equipment Manufacturers in the Fluid Power, Chemical Processing, Agricultural, Food & Beverage, Plumbing and other markets. Our manufacturing processes include injection, compression and transfer molding as well as machined plastics.

Our seal vendors include respected domestic and international companies with strong quality and engineering programs. Additionally, RT/Dygert provides extensive value added services such as JIT/Kanban programs, pre-production and MRO kitting, special marking and packaging options and much more.

Please refer to our compounds brochure for more specific material recommendations. For additional information, please contact our customer service department at 1.866.RTD.8883

ROD SEALS



GEOMETRIES:

Loaded and unloaded U-cups
Bump heel seals
Vee packings

MATERIALS:

Urethane
Hytrel™
Homogeneous and reinforced elastomers
PTFE
UHMWPE

SIZE RANGE:

1/16" - 24"
Metric

TEMPERATURE RANGE:

Cryogenic to +400°F

PISTON SEALS



GEOMETRIES:

Piston Rings – Square, Rectangular and Grooved
U-cups
Crown Seals
T and Capped T Seals

MATERIALS:

Filled PTFE
Cast Iron
Urethane
Hytrel™
Elastomers

SIZE RANGE:

3/16" - 30"
Metric

TEMPERATURE RANGE:

Cryogenic to +400°F

EXCLUDERS



GEOMETRIES:

Snap in (AN, 940, 959, D, U, H, K)
Canned
Spring or O-ring loaded
Self cleaning

MATERIALS:

Urethane
Hytrel™
PTFE
Bronze

SIZE RANGE:

3/16" - 24"
Metric

TEMPERATURE RANGE:

Cryogenic to +400°F

O-RINGS/BACK UP RINGS



GEOMETRIES:

O-rings
Quattro Seals
Flat and Contoured Back Up Rings
Square (Lathe Cut) Rings

MATERIALS:

All Elastomers
PTFE
Urethane
Hytrel™

SIZE RANGE:

.029" - 26"

TEMPERATURE RANGE:

-65°F to +500°F

CUSTOM SEALS



GEOMETRIES:

To your design and specifications

MATERIALS:

All Elastomers
Injection molded thermoplastics
Machined engineered plastics

SIZE RANGE:

.093" - 36"

TEMPERATURE RANGE:

-450°F to +550°F

WEAR RINGS



GEOMETRIES:

Standard
Close tolerance thicknesses

MATERIALS:

Glass Filled Nylon (GFN)
Lubricated GFN
Fabric reinforced polyester
Filled PTFE

JOINT STYLES:

Butt
Angle
Step cut

SIZE RANGE:

3/16" - 24"
Metric

TEMPERATURE RANGE:

Cryogenic to +400°F

BUFFER SEALS



MATERIALS:

Urethane
Hytrel™
PTFE
PEEK
Acetal

SIZE RANGE:

1" - 16"
Metric

TEMPERATURE RANGE:

Cryogenic to +400°F

SPRING LOADED ENGINEERED PLASTIC SEALS



GEOMETRIES:

U-cups
Face seals
Various lip and spring configurations

MATERIALS:

Virgin and Filled PTFE
UHMWPE
PEEK

SPRING MATERIALS:

301 Stainless
17-7 PH Stainless
Elgiloy

SIZE RANGE:

.093" - 19.5"
Metric

TEMPERATURE RANGE:

-450°F to +550°F



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