



WE ARE SEALS

TEFLON ENCAPSULATED O-RINGS

TEFLON ENCAPSULATED O-RINGS

An inexpensive, high performance solution to many critical sealing problems.

Viton® Core

Genuine DuPont Viton® elastomer core energises the seal and offers a very low compression set value.

Silicone Core

Silicone elastomer core energises the seal and performs better than Viton® at low temperatures

Advantages-

- Outstanding chemical resistance
- Wide temperature range
- High pressure capability
- Non-stick/low-friction resistance
- High compression set retention
- Performs as an elastomeric PTFE
- Economical, assured seal

HARDNESS

Shore Hardness of the seals as an average overall is:
85-90 Shore A for solid core Silicone
90-95 Shore A for solid core Viton®

Clear Teflon® FEP or PFA Seamless Encapsulation

Protects the elastomer core from extreme temperatures and hostile chemicals

FEP is stocked in our Houston, TX location in standard AS568 sizes



Combine the energising properties of elastomers with Teflon's® superior resistance to extreme temperatures and hostile chemicals.



Available with either Viton® or Silicone elastomer cores encapsulated with either FEP or PFA Teflon® fluoropolymer.



Overcome the cold-flow problems associated with solid PTFE rings.



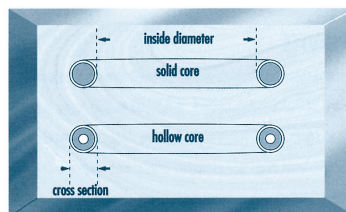
A cost efficient alternative to expensive perfluoroelastomer rings.

DICHTOMATIK
AMERICAS

TEFLON ENCAPSULATED O-RINGS

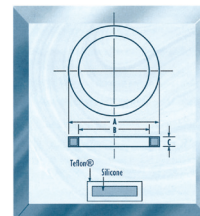
APPLICATIONS

- Pumps and Valves
- Filters
- Reactor Vessels
- Pressure Vessels
- Mechanical Seals
- Heat Exchangers
- Autoclaves
- Cryogenics
- Hose Coupling Seals
- Pipelines
- Gas Compressors
- Access Covers
- Pressure Relief Valves
- Tank Lids



FEP ENCAP TEMP RANGE
-60°C. to +205°C. (-75°F to +400°F)
Short durations to +260°C. (+500°F)

PFA ENCAP TEMP RANGE
-60°C. to +260°C. (-75°F to +500°F)
Short durations to +300°C. (+575°F)



INDUSTRIES

- Chemical Process
- Oil Refineries
- Semi-Conductor Manufacture
- Photochemical
- Refrigeration Engineering
- Food and Beverage
- Polymer Production
- Dye Manufacture
- Paint and Coating Operations

FOR A COMPLETE LISTING OF DICHTOMATIK AMERICAS PRODUCTS CALL
US AT **800.328.2840** OR VISIT US ON THE WEB AT **DICHTOMATIK.US**.

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