



Materials

Superior Seal Performance with the Right Material, Right Price

From rubber and fabric composites to industry-leading perfluoroelastomers and PTFE compounds, H&D has the right material for your specific sealing needs at a competitive price thanks to our global network of material providers and decades of in-house material expertise.

Materials

When Time & Money Are on the Line — Materials Matter

Our experienced engineering team will test, vet, and source the best seal material for your application from our global network of providers, extending the life of your seals and preventing unnecessary downtime due to maintenance or failure.

Rubber Compounds

- FEPM (TFE/P, Aflas®)
 - » 70, 80, and 90 durometers
- Nitrile (Buna-N)
 - » Many varieties and durometers
 - » FDA approved
- Neoprene
- HNBR
- HSN
- EPDM
- Silicone
 - » Many varieties and durometers
 - » Hi-temp (up to 300° C)
 - » FDA approved
- FKM (Viton®)
 - » Many varieties and durometers
 - » Hi-temp (up to 280° C)
 - » FDA approved
 - » RGD/ED-resistant compounds
- FFKM (Perfluoroelastomer)
 - » Morisei®
 - » Simriz®
 - » Chemraz®
 - » Kalrez®
- Teflon encapsulated
 - » FEP or PFA jacket
 - » Silicone, Viton, or EPDM core (solid or hollow)
 - » Cam-lock gaskets

Elastomeric Compounds

- Urethane
 - » Molded, cast, or machined
 - » Ether or ester based
- Polyester (Hytrel®)

Thermoplastic Compounds

- PTFE (Teflon®)
 - » Virgin
 - » Filled (glass, bronze, carbon)
- PEEK
- Nylon®
- POM (acetal/polyacetal, Delrin®)
- Polyethylene
- UHMW
- Phenolic

Fabric Reinforced

- Nitrile (Buna-N) and cotton
- FKM (Viton) and cotton
- FKM (Viton) and aramid fiber

Metals

- Bronze
- 304SS/316SS
- Elgiloy
- Inconel

CONTACT US

Let us help you find the right material at the right price to withstand the harshest environments.

