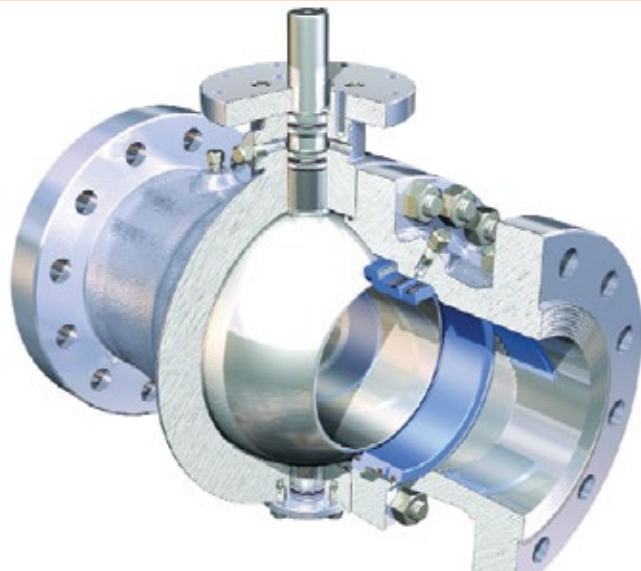


VALVE SEATS, SEALS, THRUST WASHERS AND BUSHINGS



Do you have the right material for your valve?

Quadrant's Family of Advanced Engineered Materials Reduce Wear, Increase Performance and Fight Fugitive Emission Problems

Trends In Valve Market

- Higher temperature and loads
- Low maintenance, increase life in service
- Cost effective solutions, ease to manufacture
- Reduce fugitive emissions

Key Benefits

- Reduced wear, torque and leaks
- Increased design capabilities
- Reduced downtime
- Lower cost in service
- **NEW** NORSOK M-710 (sour gas aging) compliance for Ketron® PEEK stock shapes

Quadrant Answers

- Material temperatures up to 800°F / 426°C
- Self lubricated materials
- High resistance to fuels, lubricants and chemicals
- Better physical properties than conventional solutions
- Near net shapes, machining and molded parts

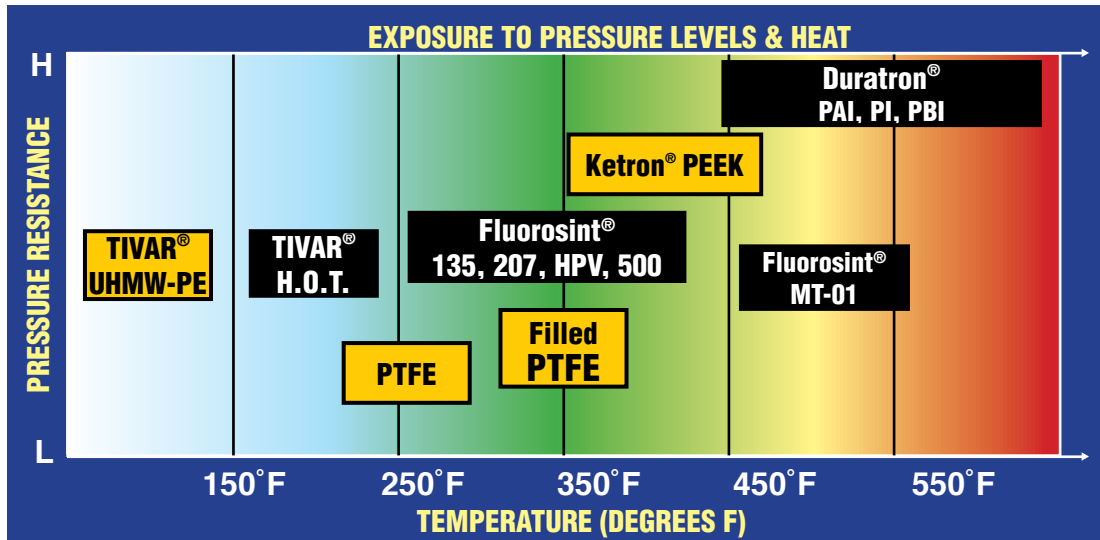
Common Applications

- Valve Seats
- Seals
- Thrust Washers
- Bushings



QUADRANT

Material Selection-Seals



TIVAR® H.O.T. - High Operating Temperature UHMW-PE that offers performance to 275°F.

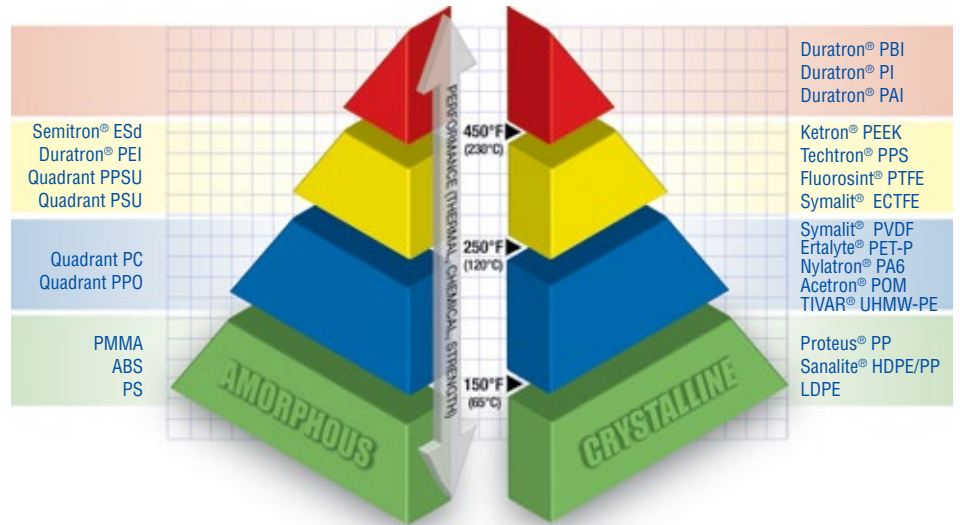
Fluorosint® 135, 207, HPV, 500 - Mica-filled PTFE that offers drastic load resistance and lower CLTE than all other filled PTFEs.

Fluorosint® MT-01 - Exotic Fillers offer this PTFE based material sealing capability to 675°F.

Duratron® Family of materials offer extreme performance at temperatures from 400°F to 800°F.

Performance Advantages Start Here!

Explore the industry's broadest family of engineering plastic products, Online! The perfect match for your application, environment and performance level is just a few clicks away.



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