



Hi-Tech Seals

High-Performance
Materials



KasPex™ PEEK

WolCar™ Carbide

TechCera™ Ceramic

AraLite™ Compressed Sheet

Bokure™ Urethane

RyFlor™ ePTFE



hitechseals.com



info@hitechseals.com



[linkedin.com/company/hitechseals](https://www.linkedin.com/company/hitechseals)

WolCar™ Carbide

Cemented tungsten carbide delivering extreme toughness, hardness, and wear resistance for high-stress environments. Manufactured into virtually any shape and size for specific applications.

- Superior strength and toughness
- Exceptional wear and abrasion resistance
- Outstanding performance at high temperatures
- Remarkable corrosion resistance
- Excellent chemical resistance
- Highly resistant to deformation



TechCera™ Ceramic

Lightweight advanced ceramics with exceptional hardness and mechanical properties. Outstanding resistance to chemicals, corrosion, wear, abrasion, and extreme temperatures for precision components in demanding environments.

- Excellent mechanical properties
- Extreme hardness
- Superior wear and abrasion resistance
- Outstanding thermal properties
- Exceptional chemical resistance
- Great resistance to corrosion
- Remarkable electrical insulation properties



KasPex™ PEEK

High-performance PEEK thermoplastic offering superior mechanical strength, chemical resistance, and thermal stability. Improves the performance and reliability of machined parts across diverse industries.

- Outstanding chemical resistance
- Superior high temperature performance
- Exceptional wear & abrasion resistance
- High electrical integrity
- Excellent hydrolysis resistance



Bokure™ Urethane

High-quality urethane that extends product longevity and maximizes equipment runtime. A proven alternative to rubber, plastic, and metal where wear and corrosion are a concern.



- Superior abrasion and impact resistance
- Exceptional load bearing ability
- Excellent cracking and tear resistance
- Outstanding performance in elevated temperatures
- Remarkable low-temperature flexibility
- Outstanding resistance to a wide range of chemicals

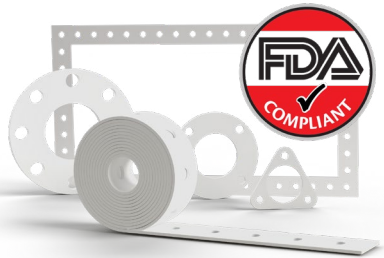


RyFlor™ ePTFE

Critical service gasket material that withstands aggressive chemicals and extreme temperatures without degrading. Reliably seals flanges in demanding environments where leakage poses serious hazards.



- Seal imperfect flange surfaces without deformation
- FDA compliant
- Substantially increase the service life of the gasket
- Resistant to UV and Ozone
- Withstands loads over 40,000 psi
- Excellent chemical resistance
- Low compressive creep under extreme conditions



AraLite™ Compressed Sheet

General-purpose gasket combining high-strength aramid and inorganic fibres reinforced with a nitrile binder. Exceptional thermal, mechanical, and chemical properties with high compressibility for a tight seal even on irregular surfaces.



- Excellent sealing capability
- Good compressibility and recovery
- Remarkable thermal resistance
- Superior mechanical and chemical properties
- Exceptional performance in contact with gas
- Wide temperature range



Canadian Branches

Canadian Headquarters | 9211 - 41 Ave NW | Edmonton, AB | T6E 6R5 | Ph: 780.438.6055

Calgary | 6323 - 35 St. SE | Calgary, AB | T2C 1N1 | Ph: 403.720.2856

Winnipeg | 445 Egesz St. | Winnipeg, MB | R2R 2V5 | Ph: 204.775.7881

Newmarket | 1180 Kerrisdale Blvd; Unit #8 | Newmarket, ON | L3Y 8Z9 | Ph: 905.953.9666

Ste-Julie | 2101 Rue Léonard-De Vinci | Ste-Julie, QC | J3E 1Z2 | Ph: 450.655.7325

US Branches

Conroe | 12064 FM 3083 | Conroe, TX | 77301 | Ph: 936.206.3124

Broussard | 909 Garber Rd. | Broussard, LA | 70518 | Ph: 337.347.8870

Frederick | 3762 Puritan Way, Unit 1 | Frederick, CO | 80516 | Ph: 303.957.2790