



FORESTRY/MILLS/PULP & PAPER





Rotary Shaft Seals/V-Seals - Hi-Tech Seals carries metal cased oil seals for rotary shaft applications in both metric and inch sizes. Hi-Tech Seals specializes in rotary seal design for high speed shafts, high pressures, and large bore diameters. Molded V-rings from 5mm to 2000mm and fabric reinforced spring loaded seals are also stocked. Common stock materials are Nitrile and Fluorocarbon with other materials available on request.



Large Bore Rotating Shaft Seals - Hi-Tech Seals offers a complete line of large bore, heavy duty oil seals. These seals are specifically designed for shaft sizes over 5 inches in diameter with high rotational speeds, heavy torque, or misalignment. Our L2M shaft seal has reinforced steel walls and a finger garter spring combination for keeping the seal tight in the most demanding applications.



Braided Packing - Hi-Tech Seals stocks braided packing made from Aramid, PTFE, Graphite, GFO®, and Grafoil®. Typical applications include rings for pumps, mixers, valve stems, tank lid seals, and manway gaskets. Specially designed packing with braided stainless steel or inconel wire for added reinforcement in high pressure applications and silicone core packing for added resilience are also available.



Mechanical Seals - Hi-Tech Seals stocks rubber bellow mechanical seals for pumps and mixers. Face materials include carbon, ceramic, ni-resist, tungsten, and silicone carbide for a wide variety of applications.



O-Rings - Hi-Tech Seals offers a wide variety of materials and durometers in one of the largest inventories in North America for O-Rings, X-Rings, and Square Cut Rings. Whether for high or low temperatures, caustic environments, abrasive wear, or high pressures, Hi-Tech Seals can deliver. Common materials include: Nitrile, Viton®, HNBR, Aflas™, EPDM, Neoprene, Perfluoroelastomer, and Urethane. O-Rings are available in imperial and metric sizes.



Hydraulic and Pneumatics Seals - Hi-Tech Seals offers a full line of sealing products for both hydraulic and pneumatic applications, in both metric and imperial sizes. Parts including: U-Cups, Z-Seals, T-Seals, Wear Rings, Cushion Seals, Packing, and Rod Wipers are stocked in a variety of materials. Kits for both the OEM and the aftermarket can also be assembled and labeled by our custom kit packaging machine.



Gaskets/Sheet - Hi-Tech Seals stocks sheeting products in a variety of materials for quick manufacturing of finished gaskets. Hi-Tech Seals can provide you with finished products or the sheeting for you to manufacture parts to your own requirements.



Rapid Seal - Hi-Tech Seals Inc. has the capability of machining virtually any seal or custom molded elastomeric part, whether it is for a new concept or to replace an existing part. Over 200 standard seal profiles are pre-programmed allowing us to manufacture parts from as small as ¼" (6mm) inside diameter up to 30" (750mm) outside diameter. Using specialized tooling and machining techniques parts are manufactured to customer requirements in a matter of hours.



Rod, Tube, and Sheet Materials - Hi-Tech Seals stocks a wide variety of high performance polymer materials in tube, rod, and sheet forms. Materials include Urethane, Celazole, PEEK, Ryton, Teflon®, and UHMW-PE. Finished parts can be manufactured using our Rapid Seal lathes.



Custom Molded Rubber and Plastic Products - Hi-Tech Seals develops, manufactures, and distributes custom molded rubber and plastic parts in a variety of materials. Typical parts include flexible boots, diaphragms, and gaskets in both small and large production quantities. Custom parts can be made from most rubber and plastic materials commonly available.



Extruded Profiles - Hi-Tech Seals offers extruded profiles in continuous lengths of material that can be cut, formed to shape, and bonded together by gluing or vulcanizing the joint. They make an excellent low cost seal for keeping out air, dirt, and moisture.



Vibration Mounts - Hi-Tech Seals offers a wide variety of vibration mounts to reduce the noise and vibration on your equipment thereby increasing its reliability and reducing the wear and tear on the equipment. Vibration mounts can also be used to protect your equipment and employees, as well as help you meet noise and vibration regulations. We carry many standard mounts and offer engineering support for any new applications.



Protector Products - Hi-Tech Seals stocks many standard types of plastic caps and plugs for covering openings in pipes and tubes. In addition we also carry thread protectors, flange covers, and plastic meshing for protecting your products.



9211 - 41 Avenue NW, Edmonton, Alberta T6E 6R5
 Ph: 780.438-6055 Toll Free Phone: 1.800.661.6055
 Fax: 780.434.5866 Toll Free Fax: 1.800.465.5866
 www.hitechseals.com E-Mail: info@hitechseals.com



Bay 3, 5940 - 30 Street SE, Calgary, Alberta T2C 1X8
 Ph: 403.720.2856 Toll Free Phone: 1.800.830.7822
 Fax: 403.279.2662 Toll Free Fax: 1.800.321.-0862
 www.hitechseals.com E-Mail: info@hitechseals.com



1180 Kerrisdale Blvd; Unit 8, Newmarket, Ontario L3Y 8Z9
 Ph: 905.953.9666 Toll Free Phone: 1.877.296.9412
 Fax: 905.953.8739 Toll Free Fax: 1.888.580.**SEAL** (7325)
 www.hitechseals.com E-Mail: info@hitechseals.com



1450 Rue Nobel, Suite 20, Boucherville, Québec J4B 5H3
 Tél: 450.655.**SEAL** (7325) Sans Frais Tél: 1.866.894.**SEAL** (7325)
 Téléc: 450.655.7359 Sans Frais Téléc: 1.866.904.**SEAL** (7325)
 www.hitechseals.com Courriel: info@hitechseals.com

