

A.R. Thomson  
Engineered Solutions Inc.

## Engineered Solutions, Lasting Partnerships.

Canadian owned and operated company with over 50 years of business history and impeccable record in customer service. We aim to deliver innovative reliable engineered solutions that enhance the efficiency and sustainability of our clients' operations, while maintaining the highest standards of quality and customer service.

***Industrial Manufacturer and distributor of fluid control products since 1967.***



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# PRODUCT GUIDE

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## Technical Services

Hose Inspection and Reporting (on-site or in-house),  
Valve Automation Repair, Valve Reconditioning,  
Actuator Services, Machining, Custom Manufacturing,  
and more.

*Product Design, Product Development, Application  
Engineering, Process Control Systems*

## Specialty Sealing

- ✓ Custom Rubber Molding and Machining, HNBR/ FKM/NBR, PTFE/PEEK/UHMW, Gaskets/ Valves Seats, Engineered Seal Design, Hydraulic Seals, Standards Seals, Bearings/Washers/Back-Up, Well Service packing/ lantern rings, Iron Inserts/ High Pressure

## Machining & Molding

- ✓ Custom Manufacturing, In House up to 25.5" OD, 130 standard profiles, Thermal Plastics/ Rubber/ Metal, Full Production Manufacturing, Prototyping, Engineering Material Qualifications, Custom Milling

## Steam Products

- ✓ Steam Traps, Heat Exchangers, Condensate Return Units & Manifolds, Steam Tracing, De-Superheaters, Blowdown Heat Recovery Units, FREME (Flash Recovery Energy Management Equipment), Steam Coils, Air Heater Coils, Thermo Compressors, Pump Traps, Exhaust Condensers (Vapor & Vent), Steam Trap Management (Wireless)

## Process Heating

- ✓ Explosion Proof Heaters, Washdown & Corrosion Resistant Heaters, Heat Exchanger Unit Heaters, Steam Rig Heaters, Oil Heating, Circulations Heaters, Infrared Heaters, Flanged ATEX Heaters, Cartridge Heaters, Drum Heaters, Electromechanical Power Controllers, Silicon Controlled Rectifiers, Temperature Controllers, Process Controllers, Monitoring, Measuring, and Analyzing, Ceramic Fiber Heaters, Syngas Heating

## Valves

- ✓ Air Valves, Butterfly Valves (Lined/Unlined), Ball Valves (Lined/Unlined), Check Valves, Control Valves, Diaphragm, Gate Valves, Globe Valves, Industrial Dampers, Pressure Relief Valves, Pressure Safety Valves, Pinch Valves

## Expansion Joints

- ✓ Rubber, Fabric (composite materials, including PTFE coated) and metallic ducting style. Rubber, metallic, and PTFE Spool type Expansion Joints. Firetube expansion joints and final fabrication/ fit-up. Heavy duty tank farm application joints HVAC products

## Hose

- ✓ Industrial Rubber Hose, Chemical Handling - Braided or Rubber Covered, Material Handling - Dredge / Mining Dewatering, Metal Braided Hose: 321SS, 316L  
Fitting combinations to suit application, 1/4" to 14" (Larger sizes available)

## Pipe Support/ Pumps

- ✓ Pipe Clamps, Risers, Hydraulic Snubbers, Pipe Shoes and Guides, Constant and Variable Spring Support, Sode Bearing and Wear Plates, Pipe Support, and Hangers, Pre-Insulated Pipe Shields, and Supports

ANSI Class Pumps, API Class Pumps, Abrasive resistant blender pumps, Gear Pumps, Self Priming Pumps, Abrasives Resistant Mining and Dewatering Slurry Pumps., Vertical and Sump Pumps, Reciprocating Pumps, Progressive Cavity Pumps, Cryogenic Pumps, Magnetic Drive Pumps, Between Bearing, Peristaltic Pumps