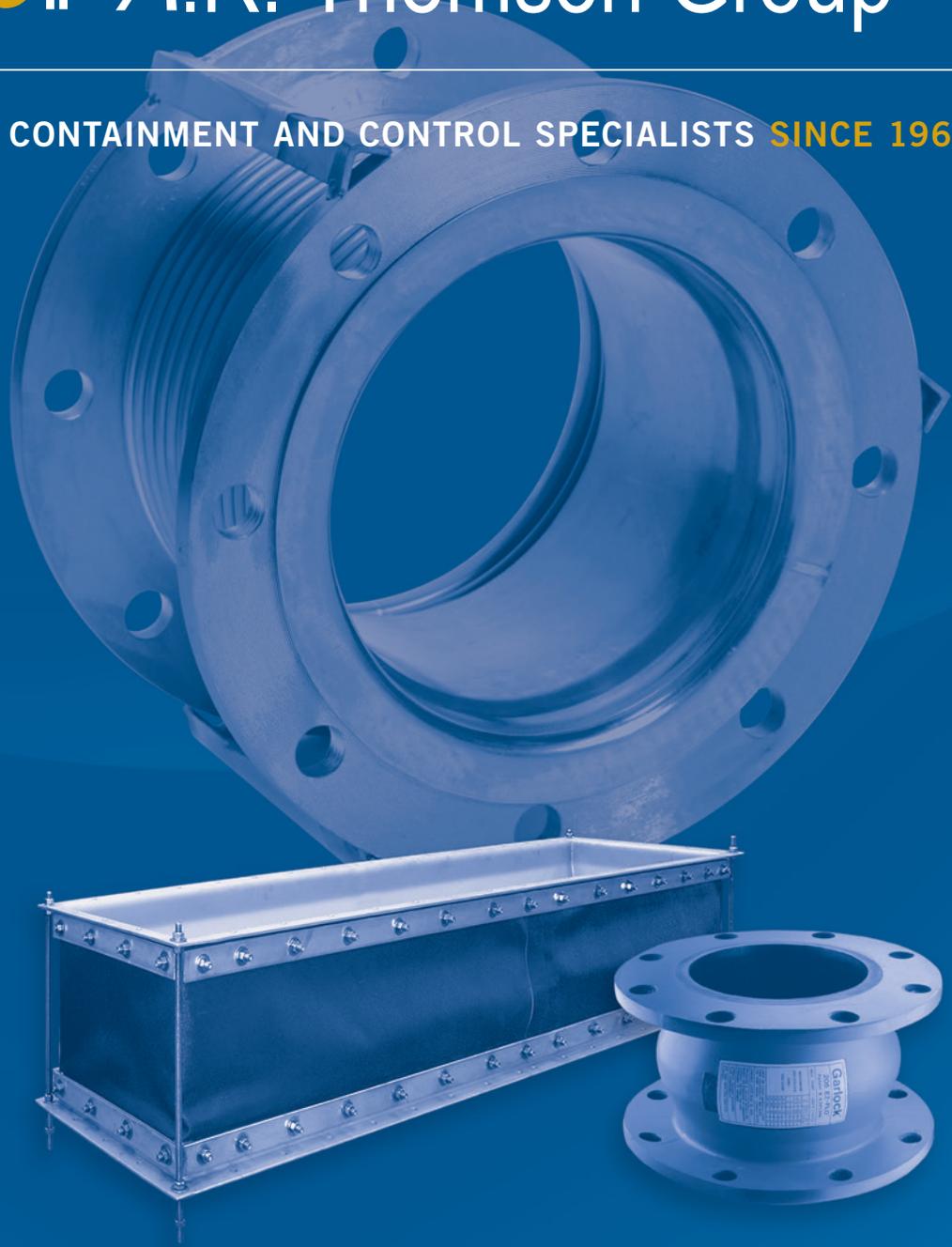


# A.R. Thomson Group

FLUID CONTAINMENT AND CONTROL SPECIALISTS **SINCE 1967**



**THOMSON EXPANSION JOINT PRODUCTS**



**Providing quality  
products and services  
to industry since 1967**

## **Our Mission Statement**

- To be a valued provider of cost effective solutions for fluid containment and control through consultation, training and a policy of continuous improvement in quality, technology and work processes.
- To have our customers place a high value on our service and view us as an important ally in their business.



## Thomson Expansion Joints



### Metallic

A.R. Thomson Group has been distributing metallic expansion joints since the 1970's. Since that time, we have developed full manufacturing capabilities in our Red Deer operation and assembly capability in locations across Canada. We fabricate all configurations of standard and custom joints with all applicable accessories and certifications.

- CRN certification availability
- Wide range of metallurgy
- Exhaust applications
- Engineered movements and cycle life
- EJMA guideline design criteria
- Low and high pressure capability
- Cryogenic to extreme high temperature capability
- Full offering of connection fittings
- Accessories to control movement flow and durability under extreme conditions
- Spool type, ducting, and pipeline joints
- Full traceability and testing



### Rubber

A.R. Thomson Group distributes a wide variety of quality North American-made rubber expansion joint products. These are specifically designed to address vibration and movement, and also have excellent noise reduction capabilities.

- Broad range of elastomers specific to application
- PTFE and other thermoplastic lining configurations for chemical and high purity (0–14 pH)
- Wide range of sizes ( 1/2"–120")
- CRN certification for specific styles and manufacturers
- Spool type and custom configurations for duct work and air systems
- Accessories to control movement and to ensure successful installation
- FSA design and function

# Thomson Expansion Joints

## Fabric

Fabric expansion joints have changed the way engineering departments have solved thermal growth in gas transfer applications. Fabric joints will accept large movements over relatively short installed lengths, which reduce costs and minimize weight when compared to traditional metal joints.

- Insulated for high temperatures
- High chemical content vapour barriers
- Quick belt replacement or repair in the field



## PTFE

Thermoplastic-lined expansion joints accommodate piping movement in aggressive chemical environments or where high purity is critical.

- Covers entire pH range (0–14 pH)
- Excellent in applications where processes degrade standard metal products, or where fragile glass-lined or composite construction piping systems are utilized
- FDA approvals
- Full accessory range to control movements and to aid installation
- Composite flanges available, with similar tensile strength to carbon steel
- Lower permeation, excellent spring rates and vacuum ratings





## Our Services

Our self-contained mobile testing unit ensures that you have access to our service, when and where you need it.

- Site surveys
- On site hose testing and re-certification
- On site training and consultation
- Troubleshooting

## Other Thomson Products and Accessories

Various Hoses



Unbreakable Sight Glasses



Cone and Basket Strainers



Composite Corrosion-Resistant Valves, Pipes, and Flanges



## CORPORATE PROFILE

The A.R. Thomson Group was established in 1967 as a regional manufacturer/ distributor of gaskets and other fluid containment products. With the rapid growth of oil and gas production, petrochemical, oil refining and pulp and paper industries, our manufacturing facilities expanded to meet increased demand for these products. We currently design and manufacture a wide variety of products using the latest technology. Some examples include:

- ALL VARIETIES OF INDUSTRIAL METALLIC AND NON-METALLIC GASKETS
- PRE-FORMED PACKING SETS FOR VALVES, PUMPS AND MIXERS
- FLEXIBLE METAL HOSE AND EXPANSION JOINTS
- SEAL SPECIALTIES FOR THE OIL AND GAS INDUSTRY

A.R. Thomson Group has also increased the product scope for its Fluid Control Division. This includes a complete line of process and specialty valves along with fittings, pumps and accessories for process as well as product transfer piping systems.

Further to our industrial product offering, ARTG has developed an Energy Efficiency and Environmental program which identifies and minimizes system inefficiencies. The various elements of the program can significantly reduce operating costs and environmental impact. As part of this program ARTG has developed a technical services team which provides:

- ON-SITE TRAINING
- EQUIPMENT SURVEYS AND AUDITS
- APPLICATION ENGINEERING
- MAINTENANCE AND REPAIR OPTIMIZATION PROGRAMS

Since 1967, we have developed our expertise and know-how to become the leader in solving fluid containment and control problems. No matter what your control or containment needs, we can help.

### BRITISH COLUMBIA

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<b>*Surrey</b> 3420 189 Street V3Z 1A7 Phone: (604) 507-6050 Fax: (604) 507-6098	<b>Parksville</b> 8-1009 Allsbrook Road V9P 2A9 Phone: (250) 954-1543 Fax: (250) 954-1591	<b>Prince George</b> 7-1839 1 Avenue V2L 2Y8 Phone: (250) 563-1444 Fax: (250) 563-2644
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### ALBERTA

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<b>Calgary</b> 7-6320 11 Street SE T2H 2L7 Phone: (403) 253-0161 Fax: (403) 258-0394	<b>*Edmonton</b> 10030 31 Avenue T6N 1G4 Phone: (780) 450-8080 Fax: (780) 463-2021	<b>*Fort McMurray</b> 13-240 Mackay Crescent T9H 5C6 Phone: (780) 790-0730 Fax: (780) 790-0278	<b>Clairmont</b> 102-6902 98 Street T0H 0W0 Phone: (780) 538-1792 Fax: (780) 538-3488	<b>*Red Deer County</b> 215 Clearskye Way T4E 0A1 Phone: (403) 341-4511 Fax: (403) 341-4243
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### SASKATCHEWAN

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**\*Regina**  
665 Park Street  
S4N 5M2  
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Fax: (306) 584-2599

**Saskatoon**  
Resident Sales Rep.  
Phone: (306) 584-2422  
Fax: (306) 584-2599

### MANITOBA

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**Winnipeg**  
Resident Sales Rep.  
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Fax: (306) 584-2599

### ONTARIO

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**\*Sarnia**  
281 Campbell Street  
N7T 2H2  
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Fax: (519) 336-0589

**Mississauga**  
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L5L 5Z9  
Phone: (905) 607-6587  
Fax: (905) 607-6994

### QUEBEC

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**Thunder Bay**  
Resident Sales Rep.  
Phone: (807) 628-4279  
Fax: (807) 623-5480

**\*Pointe-Claire, PQ**  
294 Labrosse  
H9R 5L8  
Phone: (514) 694-2442  
Fax: (514) 694-2445

### NEW BRUNSWICK

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**Resident Sales Rep.**  
Phone: (506) 623-9254  
Fax: (506) 773-3048

### NOVA SCOTIA

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**Dartmouth**  
32-10 Morris Drive  
B3B 1K8  
Phone: (902) 468-9120  
Fax: (902) 468-9087

\*Denotes manufacturing location