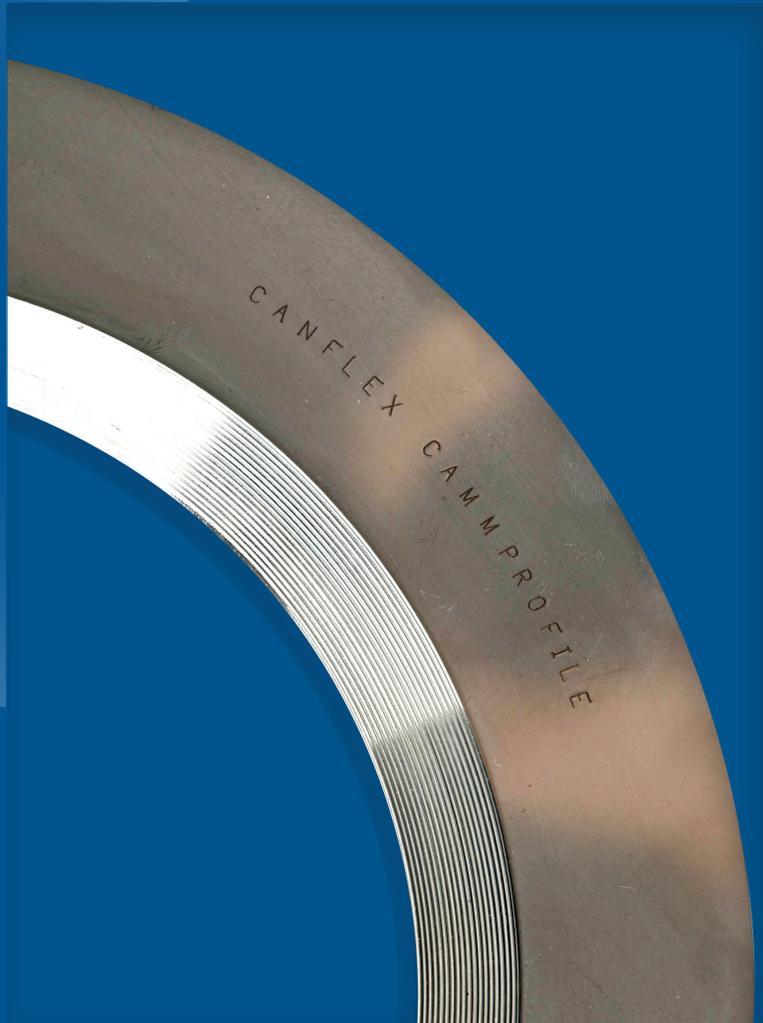


A.R. Thomson Group

FLUID CONTAINMENT AND CONTROL SPECIALISTS **SINCE 1967**



CANFLEX[®] CAMMPROFILE GASKETS

CANFLEX® Cammprofile Gaskets



Manufactured from solid metal, CANFLEX® Cammprofile gaskets combine all of the desirable qualities of a solid metal gasket with the added advantages of a reduced area of contact, resulting in lower stress values required to achieve a seal. As a standard, flexible graphite is bonded to each face due to its superior sealing characteristics. Other metallurgies and soft gasket sealing materials are available in order to accommodate specific chemical and temperature service requirements.



A.R. Thomson Group operates a quality management system which complies with the requirements of ISO 9001.

CANFLEX® Cammprofile Selection Guide

CANFLEX® Cammprofile Styles		
Style 942 A		
Style 942 AR		
Style 942 AR2		
Gasket Factor	"M" = 4.00	"Y" (psi) = 2,500

Style 942 A

Standard construction Cammprofile gasket consisting of a solid grooved metallic core. Style 942 A is often chosen as a replacement for double-jacketed gaskets in conventional heat exchanger applications. Cammprofile material, thickness and seal facing can be chosen to suit specific service requirements.

Style 942 AR

Integral centering ring ensures correct gasket positioning on mating flanges. Often used on standard pipe flanges in applications up to 2500#.

Style 942 AR2

Floating centering ring allows for expansion and contraction in applications where thermocycling is prevalent. Often used on standard pipe flanges in applications up to 2500#.



Important Note: Product specifications shown are typical. For specific application recommendations please consult your local A.R. Thomson Group representative. Failure to select proper sealing products could result in property damage and/or serious personal injury. A.R. Thomson Group is not liable for consequential damages resulting from misuse or implied suitability for any service. Specifications are subject to change without notice.

CANFLEX® Material Options

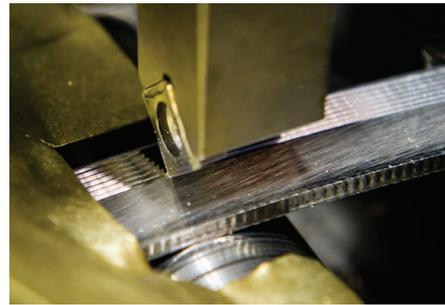
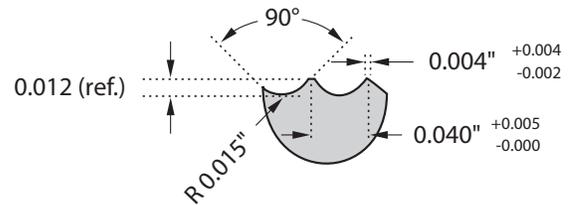
Core Material	Temperature Limits	
304SS	1400°F	760°C
316SS	1400°F	760°C
317SS	1400°F	760°C
321SS	1400°F	760°C
347SS	1700°F	925°C
Carbon Steel	1000°F	540°C
Alloy 20	1400°F	760°C
HASTELLOY® B2	2000°F	1090°C
HASTELLOY® C276	2000°F	1090°C
INCOLOY® 800/825	1600°F	870°C
INCONEL® 600/625	2000°F	1090°C
INCONEL® X750	2000°F	1090°C
MONEL® 400	1500°F	820°C
Nickel 200	1400°F	760°C
Titanium	2000°F	1090°C

Sealing Material	Temperature Limits	
Flexible Graphite	950°F	510°C
PTFE	500°F	260°C
EPTFE	600°F	325°C
CANFLEX® High Temp	1850°F	1000°C

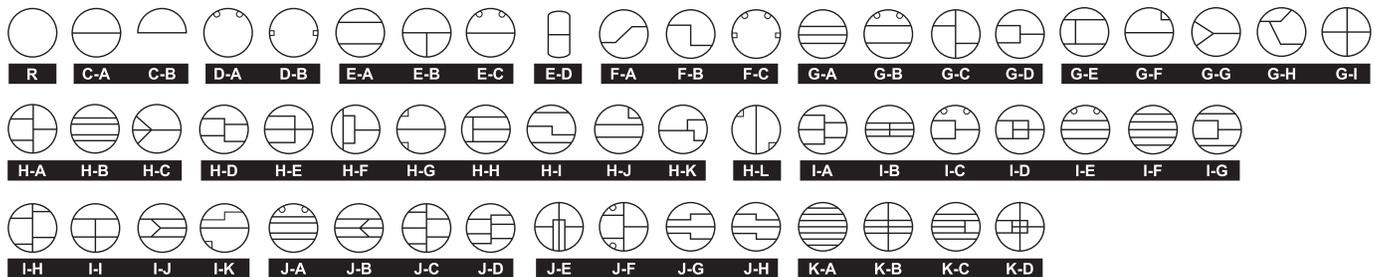
Manufacturing Specifications

- Standard pipe flange applications from ½" – 24"
- Series A & B configurations also available upon request
- Custom heat exchanger application up to 157" OD
- Custom thicknesses from .100" to .250" thick
- One piece construction

Cammprofile Core Dimensions



Heat Exchanger Gasket Configurations



CANFLEX® Cammprofile Ordering Information

Please specify the following information when ordering CANFLEX® Cammprofile gaskets:

- Style number
- Metal core and sealing element material
- Standard B16.5 flanges: Pipe class, size and thickness
- Heat exchangers: OD, ID, thickness and configuration (see heat exchanger chart)

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

Fort St. John

8910 100th St., Unit C
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Phone: (250) 785-6222
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*Surrey

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Fax: (604) 507-6098

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Fax: (250) 954-1591

Prince George

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ALBERTA

Calgary

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*Edmonton

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Fax: (780) 463-2021

*Fort McMurray

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Fax: (780) 790-0278

Grande Prairie

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Fax: (780) 538-3488

*Red Deer

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Phone: (403) 341-4511
Fax: (403) 341-4243

SASKATCHEWAN

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707E McDonald Street
S4N 5M2
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Fax: (306) 584-2599

ONTARIO

*Sarnia

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Fax: (519) 336-0589

Mississauga

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L5L 5Z9
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Fax: (905) 607-6994

Thunder Bay

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Phone: (807) 623-0641
Fax: (807) 623-5480

QUEBEC

*Pointe-Claire, PQ

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H9R 5L8
Phone: (514) 694-2442
Fax: (514) 694-2445

NOVA SCOTIA

Dartmouth

10 Morris Drive, Unit 32
B3B 1M2
Phone: (902) 468-9120
Fax: (902) 468-9087

* Denotes manufacturing location