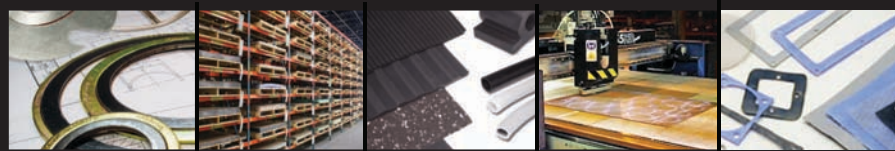


## High Temperature Specialists

Well-known in the industry for decades, Robco's High Temperature Division supplies high temperature resistant materials to maximize your operation's efficiency and meet extreme conditions found in Oil & Gas, Petrochemical, Pulp & Paper, Mining, Metal Transformation, Power Generation and General Industry. Robco's specialists take pride in the performance of our engineered products that allow you to work smarter.

Since 1911, Robco products are used everywhere in heavy industry as components of original equipment and in aftermarket maintenance and repair.

ISO 9001 and ISO 14001 Certified, our commitment to focusing on engineered solutions has fostered an alignment between our customers' satisfaction and our success while caring for our environment.



## Total Cost of Ownership

Our T.C.O. approach to problem-solving often results in our customers saving more than the acquisition cost of the products supplied.



Robco High Temperature Materials are manufactured at our Montreal, Quebec, Toronto and Independence (VA) facilities, thus ensuring unsurpassed quality control and quick turnaround times for our North American customers.



- Blankets
- Boards / Millboards
- Cloths / Fabrics
- Papers
- Ropes
- Sleeveings
- Tapes
- Removable Covers
- Specialized Products



BLANKETS

BLANKETS

Robco 1200 Matting

Economical dense industrial insulation for piping, power generation, furnaces and ovens, automotive. Removable pads. MIL-I-16411 Type II, MIL-I-24244, ASTM-C-1086-88

Robco Q21 Ceramic Blanket

Economical thermal insulation used as primary or secondary refractory insulation.

Robco Q23 Ceramic Blanket

General purpose thermal insulation for pads or as primary and secondary refractory insulation.

Robco Q26 Ceramic Blanket

Extreme temperature thermal insulation for pads or as primary and secondary refractory insulation.

QBB-1260 - Biosoluble Blanket

General purpose biosoluble thermal insulation for pads or as primary and secondary refractory insulation.

Robsil Silica Matting

Mechanically strong at elevated temperatures. Thermal and acoustic insulation, fire protection, heat shields, turbine wrap.

Robco Treo™ - Biosoluble Insulation

Strong and safe for furnace lining, thermal and acoustical insulation, fire protection, heat shields, turbine wrap. (Bio-Safe and meets IARC Group 3 for safe use)

GAUGE GLASS

Maxos® Tempered Borosilicate Gauge Glass

Borosilicate Tubular Gauge Glass Standard or Red Line

Borosilicate Tubular Gauge Glass Heavy Wall & Heavy Wall Red Line

Borosilicate Tubular Gauge Glass High Pressure

GAUGE GLASS

Max. Temp.	Density	Color	Material
1200°F (649°C)	6-11 lb/cu.ft (96-176kg/m3)	White	Long needled glass fibers. 100% recycled material
2000°F (1093°C)	6, 8 lb/cu.ft (96-128kg/m3)	White	Long glass fibers. Needled.
2100°F (1149°C) continuous 2300°F (1260°C) maximum	6, 8 lb/cu.ft (96-128kg/m3)	White	Long glass fibers. Needled.
2552°F (1400°C)	6, 8 lb/cu.ft (96-128kg/m3)	White	Long glass fibers. Needled.
2300°F (1260°C)	6, 8 lb/cu.ft (96-128kg/m3)	Light grey	Vitreous silicate fibre. 100% recycled materials.
2000°F (1093°C)	8-10 lb/cu.ft (128-160kg/m3)	Tan	Long glass fibers. Needled.
1600°F (870°C) Continuous 1800°F (980°C)	8-11 lb/cu.ft (128-176kg/m3)	Off-White	Vitreous silicate fibre and E-Glass. 100% recycled materials.

Width	Thickness
60"	0.25" - 1"
24" - 48"	0.5" - 2"
24" - 48"	0.5" - 2"
24" - 48"	0.5" - 2"
24" - 48"	0.5" - 2"
24" - 48"	0.25" - 1"
24" - 48" - 54"	0.25" - 1"

Max. Temp.	Weight	Color	Material
572°F (300°C), 608°F with Mica shield	30-450 psi (200 -3100 kpa)	Clear	Borosilicate 8488 Red : low pressure Green : high pressure
150°F (65°C) 425°F with Mica shield	100-210 psi (670-1450 kpa) 300-600 psi (2070-4140 kpa) 100-390 psi (670-2690 kpa)	Clear or Red Line	Standard Borosilicate

Width, Thickness	Diameter
3/4"	4" - 8-3/8"
8" to 60"	5/8" - 3/4"
12" to 48"	5/8" - 3/4"
12" to 72"	1/2" to 1"

COATED GLASS FABRICS

GLASS FABRICS

Robco 2060

Extra-light Glass cloth for insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Meets requirements of MIL-C-24244B.

Robco 2175 Cloth

Light Glass cloth used for insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Fire resistant MIL-C-20079H Type 1, Class 9.

Robco 2175 Navy Red Cloth

Red colored insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Fire resistant MIL-C-20079H Type 1, Class 9.

Robco 2240 Cloth

Medium-light Glass cloth used for insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Fire resistant MIL-C-20079H Type 1, Class 9.

Robco 2240 Aluminized Cloth

Aluminum foil laminated to glass cloth used for removable pads. curtains, blankets, gloves, pants, jackets, sleeving, lagging cloth, vapor and flange shields.

Robco 2240 Cloth with PTFE Coating

Insulation and/or flexible gasketing applications where chemical resistance is needed.

Robco 2260 with High Temperature Treatment

Twill weaved from HT glass, 2260 is ideally suited for continuous exposure to 1400°F. Applications include: Expansion joints, Jacketing, Fire blankets.

Robco 2360 Cloth

Medium Glass cloth used for insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Fire resistant MIL-C-20079H Type 1, Class 9.

Robco 3000C Series

Mineral impregnated glass fabric. Chemical resistance in high temperature fluorinated compound applications for the aluminum industry.

Robco 3000CSB Series

Heavy silicone (one side) coated fabric impregnated with an inert mineral. Chemical resistance in high temperature fluorinated compound applications for the aluminum industry.

Robco 3640 Cloth

Heavy Glass cloth used for insulation for piping, jacketing, fire blankets. Resists most acids, alkalis and solvents. Fire resistant MIL-C-20079H Type 1, Class 9.

Max. Temp.	Weight	Color	Material
1000°F (538°C)	6 oz/yd² (142 g/m²)	White	E-glass continuous silica based filament
1000°F (538°C)	17.5 oz/yd² (595 g/m²)	White	E-Glass continuous texturized multi-filament
1000°F (538°C)	17.5 oz/yd² (595 g/m²)	Red	E-Glass continuous texturized multi-filament
1000°F (538°C)	24 oz/yd² (814 g/m²)	White	E-Glass continuous texturized multi-filament
1000°F (538°C)	26 oz/yd² (882 g/m²)	Off-white / Silver	E-Glass continuous texturized multi-filament, aluminum foil
550°F (288°C)	24 oz/yd² (814 g/m²)	White to Off-White	E-Glass continuous texturized multi-filament, PTFE Coating
1325°F (718°C)	26 oz/yd² (882 g/m²)	Green	E-Glass continuous texturized multi-filament heat treated
1000°F (538°C)	36 oz/yd² (1220 g/m²)	White	E-Glass continuous texturized multi-filament
1000°F (538°C)	20-100 oz/yd² (678-3390 g/m²)	Black	E-Glass continuous texturized multi-filament with unique inert coating
1000°F (538°C)	20-100 oz/yd² (678-3390 g/m²)	Black	E-Glass continuous texturized filament with unique inert coating and silicone
1000°F (538°C)	64 oz/yd² (2170 g/m²)	White	E-Glass continuous texturized multi-filament

Width	Thickness
50"	0.0068"
40", 60"	0.032"
60"	0.032"
40", 60"	0.055"
40" - 60"	0.062"
40" - 60"	0.062"
60"	0.045"
40", 60"	0.075"
40" - 60"	0.03" - 0.13"
20" - 58"	0.03" - 0.13"
40", 60"	0.125"

GLASS FABRICS

Robco 6800T Rubberized Cloth

Flexible gasket used in flange joints for air, cold water, hot water or brine. Also, for boiler access opening gaskets, heater door, autoclaves, dryers and tank doors.

Robco 6800TW Wire-reinforced Rubberized Cloth

Wire reinforced flexible gasket used in flange joints for air, cold water, hot water or brine. Also, for boiler access opening gaskets, heaterdoor, autoclaves, dryers and tank doors.

Robco 7170 Silicone Coated Cloth

High quality silicone coated fabric used for removable pads.

Robco 7171-R Welding Cloth

Thin silicone coated fabric used in vertical welding operations.

Robco 7320-Grey Silicone

General purpose welding blanket for all types of welding applications. Used in insulation jacketing applications.

Robco 7320-R Welding Protective Curtains

Preferred general purpose welding blanket for all types of welding operations. Used in insulation jacketing applications.

Robco 9140 PTFE Coated Cloth

Fabric, impregnated, coated and sintered with PTFE Used in the fabrication of insulation removable covers.

Robco 9165 PTFE Coated Cloth

Fabric, imprenated, coated and sintered with PTFE. Most popular choice for insulation removable covers.

Robco 9180 PTFE Coated Cloth

Fabric, imprenated, coated and sintered with PTFE. Used in the fabrication of insulation removable covers.

Robco GVC 2000 Vermiculite Coated Cloth

Mineral coating allows short term high temperature exposure. For safety apparel, curtains, blankets, shields, insulation for piping, jackets and gasketing.

Robco GVC 3500 Vermiculite Coated Cloth

Mineral coating allows short term high temperature exposure. For safety apparel, curtains, blankets, shields, insulation for piping, jackets and gasketing.

Max. Temp.	Weight	Color	Material
400°F (204°C)	70 oz/yd <sup>2</sup> (2373g/m <sup>2</sup> )	Ivory	Rubber coated E-Glass cloth – laminated for thicker versions
500°F (260°C)	72 oz/yd <sup>2</sup> (2441 g/m <sup>2</sup> )	Ivory	Wire reinforced rubber coated E-Glass cloth – laminated for thicker versions
500°F (260°C)	17 oz/yd <sup>2</sup> (576 g/m <sup>2</sup> )	Silver	Silicone Coated & Impregnated E-Glass Cloth
800°F (427°C)	18 oz/yd <sup>2</sup> (610.30 g/m <sup>2</sup> )	Red-Oxyde	Silicone Coated E-Glass Welding Cloth
480°F (249°C)	34 oz/yd <sup>2</sup> (1153 g/m <sup>2</sup> )	Grey	Silicone Coated E-Glass Welding Cloth
800°F (427°C)	32 oz/yd <sup>2</sup> (1085 g/m <sup>2</sup> )	Red-Oxyde	Silicone Coated E-Glass Welding Cloth
600°F (316°C)	14 oz/yd <sup>2</sup> (475 g/m <sup>2</sup> )	Grey	PTFE Coated & Impregnated E-Glass Cloth
550°F (288°C)	17 oz/yd <sup>2</sup> (576 g/m <sup>2</sup> )	Grey or Aluminum Other colors available	PTFE Coated & Impregnated E-Glass Cloth
550°F (288°C)	18 oz/yd <sup>2</sup> (610 g/m <sup>2</sup> )	Grey	PTFE Coated & Impregnated E-Glass Cloth
1000°F (538°C)	18 oz/yd <sup>2</sup> (610 g/m <sup>2</sup> )	Gold	Vermiculite Coated E-Glass Cloth
1000°F (538°C)	35 oz/yd <sup>2</sup> (1187 g/m <sup>2</sup> )	Gold	Vermiculite Coated E-Glass Cloth

Width  
Thickness  
40"  
0.062" and up

40"  
0.062" and up

60  
0.017"

60  
0.017"

60"  
0.040"

60"  
0.40"

60"  
0.014"

60"  
0.017"

60"  
0.018"

40"  
0.035"

40" - 60"  
0.06"

BOARDS AND PAPERS

Robco 700 Millboard

High density board with fire resistance, used as high temperature insulating plates, thermal barrier for crucibles, gaskets, insulation for boiler or furnace doors, etc.

Robco 720 Millboard

Economical board with fire resistance, used as high temperature insulating plates, thermal barrier for crucibles, insulation for boiler or furnace doors, etc.

Robco Ceramic Board 805

Economical semi-rigid insulation. Ideal for use as high temperature/low pressure gaskets. Low thermal conductivity and homogeneous density.

Robco Ceramic Board 806

Semi-rigid insulation. Ideal for use as high temperature/low pressure gaskets. Low thermal conductivity and homogeneous density.

Robco Ceramic Paper 630

Economical soft insulation material also used for high temp and low pressure gasketing. Fair thermal conductivity.

Robco Ceramic Paper 990

Soft insulation material also used for high temperature and low pressure gasketing. Low thermal conductivity.

Robco Mica Slip-Plane

Rigid sheet Refractory separator for coilless induction furnaces. Acts as electrical and thermal insulator, vapor-barrier and protects coil from over-heating. Enables easy push-out of refractory. Various grades available, including with liners.

Robco Mica Phlogopite

The best choice for sheathing, refractory, separator and insulation foil. Its resilience is useful for some applications. Meets: IEC 371-3, VDE 0332 / DIN 40612 – FLM

Robco Mica Plate M

Press Insulation between Platen and Die. Thermal and Electrical Insulators. Replaces Asbestos Cement Plates.

Transite HT

An economical liner for core, drying and carrying plates, induction furnaces, casings. busbar supports, electrode arm insulation. Used as load bearing gaskets, spacers, supports and machined parts for OEM applications.

Max. Temp.	Weight	Color	Material
1830°F (1000°C)	60 lb/ft3 (0.96 g/cm3)	Beige	Mineral wool fibre, inert fillers
1830°F (1000°C)	62.3 lb/ft3 (1 g/cm3)	Beige	Mineral wool fibre, inert fillers, coating
1925°F (1052°C)	14 - 22 lb/ft3 (0.23 - 0.35 g/cm3)	Beige	Ceramic Fibers, Binding Materials
2300°F (1260°C)	14 - 22 lb/ft3 (0.23 - 0.35 g/cm3)	Beige	Ceramic Fibers, Binding Materials
1850°F (1010°C)	11 lb/ft3 (0.18 g/cm3)	White	Ceramic Fibers, Binding Materials
2300°F (1260°C)	12.5 lb/ft3 (0.20 g/cm3)	White	Ceramic Fibers, Binding Materials
1800°F (982°C)	0.05-0.1 lb/ft3 (250 - 480)	Greenish	Phlogophite mica, silicone binder
1292°F (700°C)	137 - 143 lb/ft3 (2.2 - 2.3 g/cm3)	Grey-Green	Phlogophite mica, silicone binder
932°F (500°C)	134 lb/ft3 (2.15 g/cm3)	Greyish	Muscovite mica, bonding material
1000°F (538°C)	100 lb/ft3 (1.6 g/cm3)	Grey	Vitreous silicate fibre. Aluminum Foil.

Width  
Thickness  
40" x 40"  
3/32" - 1/2"

40" x 40"  
3/32" - 1/2"

24"x 36"  
36"x 47"  
0.5", 1", 1.5", 2"

24"x 36"  
36"x 47"  
0.5", 1", 1.5", 2"

48"  
1/32" - 1/4"

24", 48"  
1/32" - 1/4"

40"  
0.0016"  
0.0020"

24"x 36"  
36"x 47"  
0.003"  
0.078"

40"  
0.004" - 4"

40" - 48"  
0.05" - 1.15"



ROPES

Robco 273 Rope

Medium density packing rope for doors on wood stoves, Industrial ovens and boilers as well as tadpole tape core.

Robco 280 Biosoluble fiber

Specialty rope designed to provide sealing during rodding of cathodes with collector bars.

Robco 290 Crucible Lid Seal

Custom-made for crucible lid covers found in the aluminium industry, this dense packing rope can incorporate various elastomeric core, Inconel wire reinforcement as well as surface mineral coatings to enhance resiliency, sealability and lifespan.

Robco 290 Series Ropes

Heavy duty packing rope for coke batteries, goose necks, tapping crucible seal.  
290 - Firm Density, 292 - Medium Density, 295 - Soft Density

Robco 350-D Rope (Tight Knit)

Economical packing rope for doors on wood stoves, Industrial ovens and boilers as well as tadpole tape core.

Robco 350-S Rope (Loose Knit)

Economical packing rope for doors on wood stoves, Industrial ovens and boilers as well as tadpole tape core.

Robco 78 Glass Lagging Rope

Consists of HT fibers assembled with an open braided jacket used for lining steam lines.

Robco Ceramic Ropes  
(274 Twisted, 275 Round or Square)

High temperature gasketing and packing for boilers and furnaces. Used as tadpole seal core. Also available with with Inconel wire insertion.

Poly / Fiberglass Knitted Rope

Braided specifically to attach removable pad covers exposed to outside elements.

Silica Twisted and Braided Ropes

Packing for high temperature sealing applications; such as tadpole tape cores, furnace door gaskets, high temperature caulking, and coke oven door seals.

Max. Temp.	Density	Color	Material
1000°F (538°C)	Medium	White	E-Glass texturized yarn. Round braided - medium density
1832°F (1000°C)	Dense	Green	Biosoluble fiber – small amount organic binder. Square or round braided
1700°F (925°C)	Very dense	Blue / Gold	Chemically treated Glass with additives. Square, rectangular or round braided
1400°F (750°C)	Varies	Blue / Gold	Chemically treated Glass. Square or round braided
1000°F (538°C)	Soft	White	“E” glass, continuous filament. Knitted dense
1000°F (538°C)	Very soft	White	E-Glass texturized yarn. Knitted soft
1000°F (538°C)	Very dense	White	Bulk high temperature fibers held by light braided jacket.
2300°F (1260°C)	275 - Dense 174 - Medium	White	Ceramic fiber and small amount of organic binder. Square or round braided firm
450°F (232°C)	NA	Off-White	Knitted polyester jacket and E-Glass core.
3000°F (1649°C) Continuous 1832°F (1000°C)	NA	Tan	96% minimum Silica. Round Braided

Diameter

0.25" - 3" OD

0.25" - 2" OD

Custom

0.25" - 2" OD

0.1875" - 1.25"

0.1875" - 1.25"

0.5", 0.75",  
1" OD

0.25" - 2" OD

0.196" OD

0.25" - 2" OD

SILICA / CERAMIC FABRICS

Robco 84CH & 188CH

Ideal extreme temperature welding protection. Thermal and electrical insulation. Reducing heat loss in oven and furnace operations. 188CH is recommended for horizontal welding.

Robco 84CH & 188CH Aluminized Cloth

Extreme temperature fabric used in protective clothing such as gloves, mittens, pants and jackets.

Robco 84CSR & 188CSR Silicone Coated

Silicone coated to prevent fabric contamination, while silica cloth provides maximum thermal protection. Used to protect sensitive equipment in filthy environments.

Robco 135W & 135F Ceramic Cloths

Extreme temperature fabric mainly used to produce tadpole gaskets, exhaust line covers and wrapped protection.  
135W is Inconel wire reinforced / 135F is glass reinforced

Max. Temp.	Weight	Color	Material
3000°F (1649°C) Continuous 1832°F (1000°C)	18-36 oz/yd² (610-1221 g/m²)	Tan	96% minimum Silica
3000°F (1649°C) Continuous 1832°F (1000°C)	21-39 oz/yd² (712-1322 g/m²)	Silver / Tan	Silica cloth, Mylar aluminized
1832°F (1000°C)	19-38 oz/yd² (450-900 g/m²)	Red one side / Tan	Silicone coated 96% Silica cloth
1200°F- 2000°F (650°C- 1093°C)	44-46 oz/yd² (1491-1560 g/m²)	White	Spun ceramic fiber onto Glass or Inconel carrier

Width  
Thickness

36"

0.026" - 0.054"

36"

0.026" - 0.054"

36"

0.031" - 0.056"

36"

0.125

SPECIALIZED FABRICS

Robco CLT 9704-2F (for expansion joints)

Laminated coated fabric specifically for expansion joint belts. Heavy coating and and film provide outstanding chemical resistance.

Robco EJTM12

100% PTFE film provides outstanding flexing and chemical resistance for expansion joints, removable pad covers, tubing and steam lines.

Robco Kevlar®/Nomex® Cloth

High abrasion resistant cloth for piping, jacketing, flexible gaskets where high heat and mechanical strength is needed.

Robco Kevlar®/Nomex® Cloth Aluminized

High abrasion resistant cloth used in protective clothing such as gloves, mittens, pants and jackets.

Robco Perfluoroplastic Coated Kevlar® Fabric

Material of choice where durable, impermeable, flexible fabric is required for expansion joint belts, tadpole tapes and other applications where high mechanical strenght is needed.

Robco 50-1406

Heavy PTFE coated expansion joint belt glass fabric laminated with insulation mat for applications requiring an upper use continuous temperature of 1000°F.

Max. Temp.	Weight	Color	Material
600°F (315°C)	41 oz/yd² (1380 g/m²)	Tan	Heavy E-Glass saturated, coated and laminated with specialty Perfluoroplastic
500°F (260°C)	34 oz/yd² (1153 g/m²)	Blue / Gray	100 % PTFE film
400°F (204°C)	22 oz/yd² (746 g/m²)	Yellow	Kevlar/Nomex yarns,E- Glass, aluminized mylar
400°F (204°C)	17 oz/yd² (576 g/m²)	Silver and Yellow	Kevlar/Nomex yarns,E- Glass, aluminized mylar
400°F (204°C)	10 oz/yd² (339 g/m²)	Yellow	Perfluoroplastic / Kevlar composite
1000°F (538°C)	101 oz/yd² (3425 g/m²)	Beige	E-glass insulation & fabric – heavy PTFE

Width  
Thickness

60"

0.04"

60"

0.012"

40" - 60"

0.065"

40"

0.071"


50" - 60"

0.010"

60"


0.54"

SPECIALIZED FABRICS




**RobcoGuard Plastic Flame-Retardant Protection**

Temporary protection for all types of indoor and outdoor finishes such as walls, paneling, bulkheads and doors. Also useful for protecting large objects and large furniture.



**RobcoGuard Floor**

Temporary protection of carpet, vinyl, lino, screed, wood, steel, poured resin floors, walkways, open areas, weather decks, flight decks, pillars, bulkheads cabins and control rooms.



**Robco Knitted Wire Insulation Mesh**

Ideal for fabricating removable and reusable insulation blankets for thermal insulation systems. Excellent for marine, aerospace, industrial, and commercial pad construction.

Max. Temp.	Weight	Color	Material
-13°F to 230°F (-25°C to 110°C)	4 - 26 oz/yd <sup>2</sup> (135 – 882 g/m <sup>2</sup> )	Blue	Flame Retardant Polyethylene / Polyester Scrim
-13°F to 230°F (-25°C to 110°C)	4 - 26 oz/yd <sup>2</sup> (135 – 882 g/m <sup>2</sup> )	Blue	Flame Retardant Polyethylene
304	321	Inconel	Monel 400
900°F (482°C)	1200°F (649°C)	2300°F (1260°C)	2000°F (1093°C)

Width  
Thickness

36"- 72"  
0.023" – 0.031"

36" - 72"  
0.006" - 0.04"

FABRICATED PRODUCTS



**Robco Larry Car Seal**

Superior specialty gas seal used mostly on coke batteries and homogenizing furnaces where durability is essential.




**Robco Waste Gas Boots**

Flexible connectors operating at extreme temperatures, especially on anode baking pits.



**Robco Enviropak B.O.P. Ram Seal**

High pressure sealing component for use in blow out preventers using steam injection during oil extraction.



**Robco Tadpole Tapes**

Used to seal oven doors or furnaces, where thermal conditions are elevated while pressures are minimal.

Max. Temp.	Weight	Color	Material
2000°F (1093°C)	NA	White	Inconel 601,wire mesh, ceramic, silica
500 - 2300°F (260 - 1260°C)	Full vacuum to 5 psi (35 kPa)	Orange / Beige	Varies upon requirements
650°F (343°C)	3000 psi (20.7 Mpa)	White	High temperature substrate, PTFE, binder
750-1500°F (400-816°C)	Fabric	Core	Available Coating
	84ch-188ch GVC3500 2175, 2240, 135	Stainless steel. Silica rope & inconel,	Dye, Graphite, Mica, Silicone, Vermiculite, PTFE


Custom-sizes

3" to 96" DIA

As requested


As requested

TAPES AND TUBINGS



**Robco 1000 Braided Sleeving**

Economical protection for hydraulic hoses and electric cables, steam tracer wrap, covering for glass handling equipment.



**Robco 1010 Knitted Tubing**

Economical extra flexible protection for hydraulic hoses and electric cables, steam tracer wrap, covering for glass handling equipment.

Max. Temp.	Weight	Color	Material
1000°F (538°C)	N/A	White	E-Glass continuous filament
1000°F (538°C)	N/A	White	E-Glass continuous filament

Diameter

0.25" - 4" ID

0.25" - 5" ID

TAPES AND TUBINGS



**Robco I180 & F120 Ceramic Tapes**

Extreme temperature insulation tape used as gasket and wrapping material. Main usages include: furnace coil insulation. cable and wire insulation, infrared radiating diffusers, "mop style" curtains. I180 is Inconel wire reinforced / F120 is glass reinforced



**Robco GW-Series Fiberglass Tape**

Used as low pressure/high temperature gasket on thin flanges as well as wrapping of pipes, odd shapes, etc. where high temperature is an issue.



**Robco GW-Series Fiberglass Drop Warp Tape**

Ladder weaved high temperature tape to allow easy bolting on thin flanges.



**Robco Silica Sleeving**

Molten metal resistant flexible sleeving for protection for pneumatic and hydraulic hose covering and electric cable protection.



**Robco Silicone Coated Fiberglass Sleeving**

Impervious Silicone coating prevents fluid absorption. High-temperature protection for pneumatic and hydraulic hose covering and electric cable protection.



**Robco Woven Silica Tapes**

Extreme heat insulation or thermal protection; Power generation, furnace, shipbuilding, construction, welding and metal processing industries. Also used as "mop style" furnace curtains, furnace door gasketing and high temperature seals.

Max. Temp.	Weight	Color	Material
I180: 2000°F (1093°C) F120: 1200°F (650°C)	N/A	White	Spun ceramic fiber on M-Glass or Inconel carrier – small amount organic binder
1000°F (538°C)	N/A	White	E-Glass continuous filament
1000°F (538°C)	N/A	White	E-Glass continuous filament
3000°F (1649°C) Continuous 1832°F (1000°C)	N/A	Tan	96% minimum Silica
500°F (260°C)	N/A	Red-Orange	E-Glass yarn, thick silicone coating
3000°F (1649°C) Continuous 1832°F (1000°C)	N/A	Tan	96% minimum silica "woven edges"

Width  
Thickness

1" - 3"  
0.125"

0.5" - 6"  
0.062", 0.125", 0.25"


0.75" - 4"  
0.062", 0.125", 0.25"

0.25" - 4.25"  
0.06"

0.25" - 3" ID  
0.017"


1" - 6"  
0.015" - 0.125"

ROPES




**Robco 267 Firm Rope (Round or square)**

Firm density packing rope for doors on wood stoves, Industrial ovens and boilers as well as tadpole tape core.



**Robco 267 with PTFE**

Sealing of pressure vessels lid seals, valves, boilers, autoclaves, etc. where a high density packing is required.



**Robco 271 Rope**

An excellent seal for wood stoves, caulking for oven or furnace doors, lining for expansion joints, and core for high temperature packing.

Max. Temp.	Density	Color	Material
1000°F (538°C)	Dense	White	E-Glass yarn. Square or round braided - high density
500°F (260°C)	Dense	White	E-Glass yarn. Saturated with high volume PTFE. Square or round braided
1000°F (538°C)	Souple	White	E-Glass continuous filament. Twisted round

Diameter

0.25" - 2" OD

0.25" - 2" OD

0.25" - 2" OD



## Robco High Temperature Materials for Heavy Industry

We believe that the best way we can support our customers is by saving energy while protecting personnel, equipment and avoiding injuries: Robco High Temperature Resistant Materials.

### Manufacturing Capability

We're ready! We invest in state-of-the-art equipment to produce quality parts at the best possible cost: whether in the fabrication of small batches of intricate parts or large volume production.



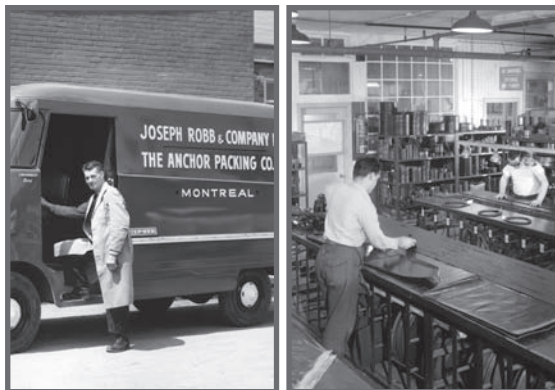
### Engineering Group

You're looking for the best possible life cycle-cost for your applications; we develop custom products to achieve exactly this. Helping our customers is what makes our job fun! We test, reverse-engineer and develop products that will meet your needs.



### Implicit Industry Knowledge

Time flies! 100 years in business means a lot of experience under our belt through implicit industry knowledge. The culture of supporting our customers with products that provide value remains intact. You are in good hands with us!



### Expert Customer Service

Our on-site technicians, high temperature materials and Customer Service departments are available to guide you and answer all your questions in the selection of the ideal product for your application.



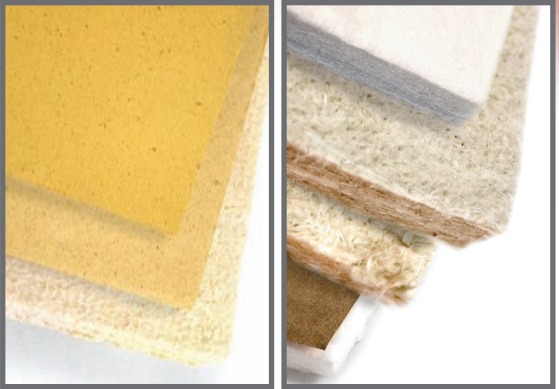
### Fabrics, Ropes, Sleeveings and Tapes

Available in a choice of thicknesses, grades, weaves, coatings and densities. Fabrics are mostly used as heat shield during welding operations or molten metal works. Ropes and Tapes are manufactured as HT gasket applications, on furnaces, tapping crucibles, etc.



### Blankets, Boards and Papers

Available in a range of thicknesses, grades and densities. Engineered to insulate / seal the highest temperatures found in heavy industry from 500°C to 1650°C (900°F to 3000°F). Robco manufactures blankets using a unique, patented process. Cut to size parts available.



### Removable Insulating Covers

Robco is the sole vertically-integrated manufacturer of HT removable insulation in Canada. We produce the lightest, most efficient pads on the market, thanks to our unique insulation blankets. All parts custom-made to your requirements to save energy, protect your personnel and reduce thermal exposure in enclosed areas.



### We know the Industry

Robco is one of the very few companies in the world that both specializes in fluid sealing components and heat resistant materials, bringing an unequal expertise at your service. Our engineers will identify the optimal product for your applications.

