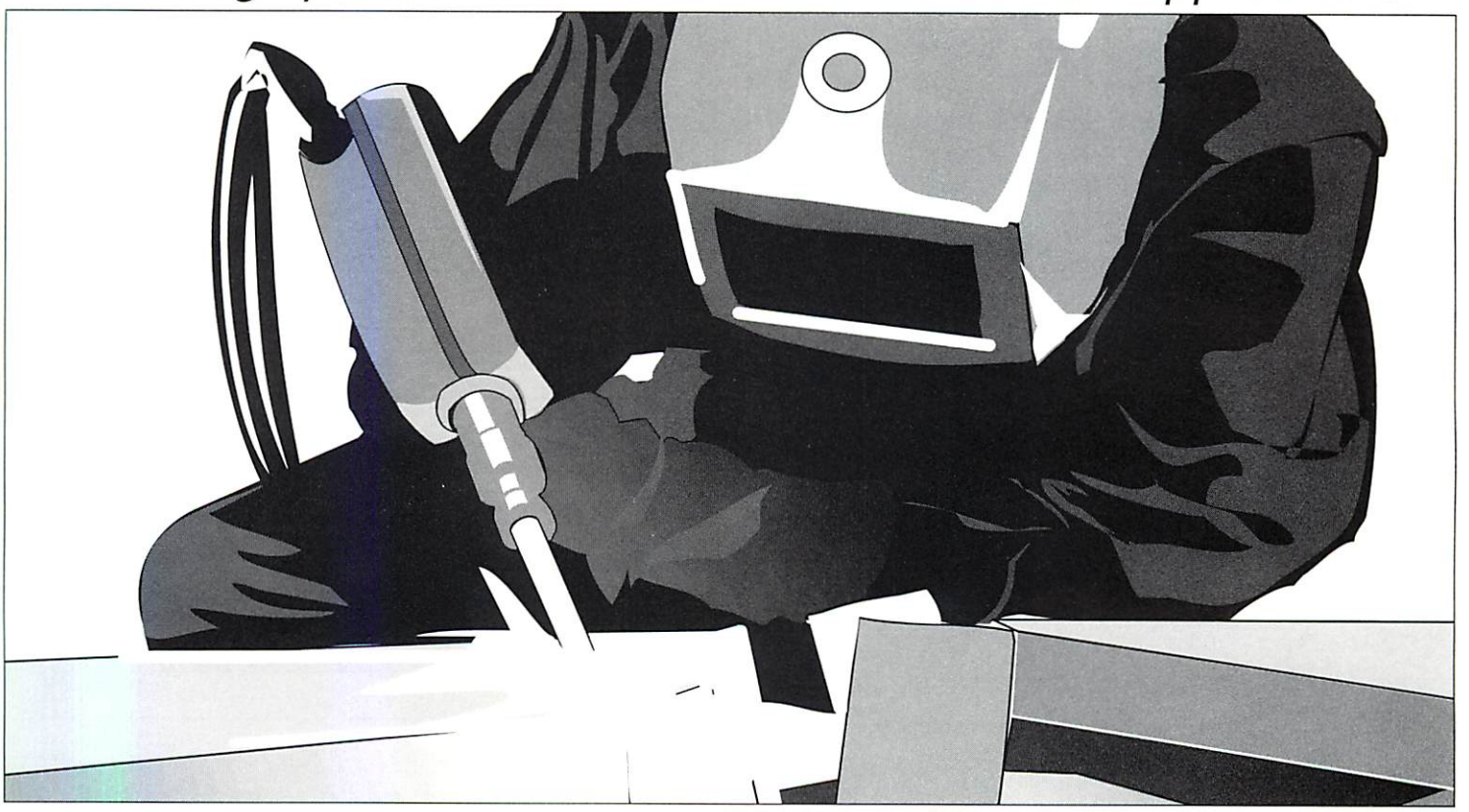
thermofab®

Flexible high performance textiles for intense heat applications



Thermofab Cloths

Available in various styles including texturized, high-temperature treated and tacky gasket cloth. Typical applications include curtains, drop cloths, fire blankets...stress-relieving, insulation, lagging, dust filtration, scrubbers...cable-tray covers, safety apparel.

Thermofab Woven Tapes

Developed as an efficient, high quality alternative to asbestos in hot-wrapping and energy conservation applications, Thermofab tapes are woven with selvaged edges to prevent unravelling. Typical applications include pipe and hose wrapping and hangers...thermal insulation...electrical applications...fabrication of special gaskets and furnace door seals.

Thermofab Sleeving

Developed as an alternative to asbestos sleeving for extreme heat protection of metal tubing, hoses, cables, wires and thermocouple leads. Other applications include stress relieving, insulation and oven-door seals.

Thermofab Rope

Specifically developed as an alternative to asbestos in packing and sealing applications...such as oven and furnace door seals, wood stove door seals, caulking and thermal insulation. Also suitable for seals in metal casting molds. Available in a wide range of stock constructions, diameters and tadpole tapes.

Thermofab Millboard

Developed to provide the adaptability and wide range of services previously possible only with asbestos, Thermofab premium quality millboard can be cut, punched, shaped and wet molded. Applications include refractory underlays, boiler door interlinings, heat shields, welding and stove pads...chemical, furnace, syphon and exhaust gaskets...linings for fire doors, fireproof boxes, elevator shafts, etc.

Thermofab Paper

Thermofab paper is designed for use where greater flexibility is desired than can be provided by Thermofab millboard.

Thermofab Gaskets and Seals

Thermofab handhole and manhole gaskets and seals are suitable replacements for asbestos in boiler gaskets, flanged joints, pressure vessels or where mating flanges are rough or uneven. Available in standard sizes or custom designed to your specifications. Custom designed gasket tapes and tadpole tapes are also available.

THERMOFAB FURNACE AND BOILER CEMENT

Style	Packaging	Temperature Limit
3000	18 oz cartridge or 3, 6 & 12 lb. plastic tub	3,000 °F

ORDERING SPECIFICATIONS

THERMOFAB CLOTHS

Style	Thck (inches)	Weight (oz/sq yd)	Widths (inches)	Material	Temp. Limit
2175	0.040	17.5	40 or 60	Glass	1,000 °F
2240	0.060	24.0	40 or 60	Glass	1,000 °F
2300	0.065	30.0	40 or 60	Glass	1,000 °F
2360	0.075	36.0	40 or 60	Glass	1,000 °F
3640	0.125	64.0	40 or 60	Glass	1,000 °F
5085	0.020	8.5	40 or 60	Glass	1,000 °F
6800 T	0.062	80.0	40	Glass	500 °F
84 CH	0.026	18.0	36	Silica	3,000 °F
188 CH	0.054	36.0	36	Silica	3,000 °F
GKPF 1106	0.070	32.0	40	Treated glass	1,500 °F
GKPF 1306	0.080	38.0	40	Treated glass	1,500 °F
GKPF 2006	0.120	59.0	40	Treated glass	1,500 °F

Standard roll length approximately 50 yds. Other styles and finishes available including neoprene, silicone, SBR, Viton, PTFE impregnated, aluminum, wire inserted and heat treated.

THERMOFAB MARINE FABRICS TO MIL-C-20079

Style	Class	Weight (oz/sq yd)	Thickness (inches)
5085	5	8.5	0.020
5177 HT	9	17.7	0.032
5177 NR	9	17.7	0.032
5205 A	10	20.5	0.034
5220 R	8	22.0	0.035

Available 40" & 60" wide. Standard roll length 50 yds. Styles available to meet Coast Guard standards.

THERMOFAB WOVEN TAPES

Style	Thickness (inches)	Widths (inches)	Roll Length (feet)	Material	Temperature Limit
105	1/32	1/2 to 4	100	Glass	1,000 °F
110	3/64	1/2 to 4	100	Glass	1,000 °F
150	1/16	1/2 to 6	100	Glass	1,000 °F
300	1/8	1/2 to 6	100	Glass	1,000 °F
600	1/4	1/2 to 6	100	Glass	1,000 °F
WT-36	1/16	1 to 6	50	Silica	3,000 °F
WT-65	1/8	1 to 6	50	Silica	3,000 °F

Also available as drop warp tape.

THERMOFAB SLEEVING

Style	ID (inches)	Thickness (inches)	Material	Temperature Limit
1000	1/4 to 4	0.060	Glass	1,000 °F
3000	1/4 to 4-1/2	0.060	Silica	3,000 °F

Number of feet per spool varies with size.

THERMOFAB ROPE

Style	Construction	Diameter (inches)	Material	Temp. Limit
266	braided, soft (round or square)	3/16 to 1-1/2	Glass	1,000 °F
267	braided, firm (round or square)	3/16 to 1-1/2	Glass	1,000 °F
271	Twisted	1/4 to 2	Glass	1,000 °F
272-D	Twisted dense	1/4 to 2	Ceramic	1,000 °F
274	Twisted	1/4 to 2	Ceramic	2,300 °F
350-S	Knitted soft	3/16 to 1-1/2	Glass	1,000 °F
350-D	Knitted dense	3/16 to 1-1/2	Glass	1,000 °F
BR	Braided	1/4 to 1-3/8	Silica	3,000 °F
TR	Twisted	1/4 to 1	Silica	3,000 °F

THERMOFAB MILLBOARD

Style	Sheet Size		Thicknesses (inches)	Material	Temp. Limit
	width (inches)	length (inches)			
700	40	40	3/32 to 1/2	Mineral wool	1,830 °F
800	40	40	3/32 to 1/2	Mineral wool	1,830 °F
801	42	48	1/16 to 1/2	Ceramic	2,300 °F
1401	55	55	1/16 to 1-1/2	Ceramic	2,300 °F

THERMOFAB PAPER

Style	Width (inches)	Thicknesses (inches)	Material	Temperature Limit
440	48	1/16 & 1/8	Ceramic	1,300 °F
550	48	1/16 & 1/8	Ceramic	2,300 °F
970	48	1/32, 1/16 & 1/8	Ceramic	2,300 °F
1530	48	1/32, 1/16 & 1/8	Ceramic	2,300 °F

Robco

20820 Loop 494 | New Caney, TX 77357 | Fax: **281-689-0598** Phone: **800-662-0585**