

WESTWOOD

GmbH

Spezierschläuche für die Industrie

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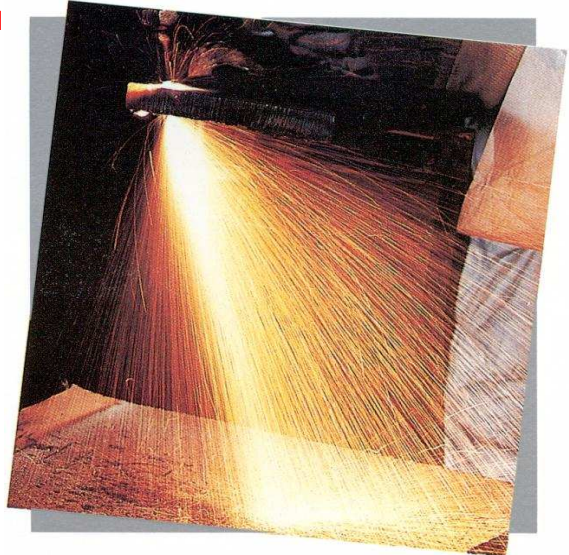
HIGH TEMPERATURE TEXTILES INDUSIL®

WESTWOOD high temperature fabrics are designed for use as an environmentally approved replacement for asbestos in a wide range of insulation and protection applications. INDUSIL® textile products provide high thermal resistance for applications in aerospace, marine, molten metal, and power industries.

INDUSIL® is a registered trademark of the WESTWOOD GmbH

When critical applications require safeguarding personnel and equipment against extreme temperatures, sparks and molten metals – *Siltemp takes the heat, up to 1800°F for short-term continuous operating temperatures.* INDUSIL® silica textile fabrics can be used or configured as: **welding drop cloths, protective screens, fire curtains, stress relief blankets, furnace insulation, cable wrap, and high temperature gaskets.** INDUSIL® is available in fabric, tape, rope, sleeving, mat, and yarn forms. INDUSIL® fabrics can be specified with aluminum, silicone, and other coatings for special application requirements. All INDUSIL fabrics, excluding pre-shrunk, are hydrocarbon-coated to improve handling characteristics. The coating is designed to decompose at high temperatures, and generates virtually no smoke or fumes. INDUSIL has a minimum silicon dioxide (SiO₂) content of 98%, and resists most corrosive fluids.

Standard Grade INDUSIL fabrics – the most frequently specified products in our line – are suitable for most “hot” applications. Abrasion Resistant Siltemp is designed for durability and low temperature abrasion resistance. Water-repellent INDUSIL should be used in applications involving water or oil. Pre-shrunk INDUSIL fabrics can be supplied in Commercial Grade for application requiring minimum shrinkage at temperatures, and in Aerospace Grade for highly technical aerospace composite mouldings. Silicone Coated INDUSIL is designed for uses where surface abrasion and impermeability to fluids and gases are important. Aluminised INDUSIL provides thermal reflectivity and is ideal for fabrication of covers.



Product Type	Product Number	Colour	Nominal Thickness Inches	Nominal Weight Oz/Yd ²	Nominal Width Inches
Standard	84CH	Tan	0.030	18	36
	188CH	Tan	0.054	36	36
Abrasion Resistant	84CSR	Tan	0.030	18	36
	188CSR	Tan	0.054	36	36
Water Repellent	WR84CSR	Tan	0.030	18	36
	WR188CSR	Tan	0.054	36	36
Pre-Shrunk	84S	White	0.026	18.5	33
	188S	White	0.052	38.0	33
Aluminised*	ALUM84CH	Silver	0.033	21	34-1/2
	ALUM188CH	Silver	0.057	39	34-1/2
Silicone*	SILRUB84CH	Red	0.033	24	36
	SILRUB188CH	Red	0.057	42	36

Standard roll length is 50 yards; shorter or longer rolls are available on request.

**Coated 1 side; 2 side coating is available on request. Coatings will lose properties as temperature increases. Silicone coating is also available in other colours.*

INDUSIL Silica Sleeving and Ropes INDUSIL®

SLEEVING

INDUSIL Sleeving is primarily used as thermal protection for metal tubing, hose lines and cables. To improve handling properties during installation, the sleeving has a coating, which will decompose, at high temperatures. Severe abrasion application will require other external protection measures.

Product Number	Mandrel Size Range I.D., Inches
S-H-1/2	¼ TO ½
S-H-1	¾ TO 1
S-H-1-1/2	1-1/4 TO 1-5/8
S-H-2	1-3/4 TO 2
S-H-3	2-1/2 TO 3-1/2
S-H-4	3-1/2 TO 4-1/2
S-H-6	5-1/2 TO 6-1/2

Nominal wall thickness is .060 inch. Standard roll size is 50 feet. Longer length rolls available upon request.



ROPE

INDUSIL Rope is used for high temperature packing, seals, core for tadpole tapes, and seals for casting moulds. To improve handling properties during installation, *INDUSIL Rope* has a coating, which will decompose, at high temperatures. Severe abrasion applications will require other external protection measures.

Braided Rope

Product Number	Diameter, Inches
BR-H-1/4	¼
BR-H-3/8	3/8
BR-H-1/2	½
BR-H-3/4	¾
BR-H-5/8	5/8
BR-H-1	1
BR-H-1-3/8	1-3/8
BR-H-2	2

Standard roll size is 100 feet except BR-H-1 which is supplied on 75 foot rolls.

BR-H-1-3/8 and BR-H-2 are supplied in 45 foot ± 10% lengths.

The standard package is 2 lengths packed loose in a box.



Twisted Rope

Product Number	Diameter, Inches
TR-H-1/4	¼
TR-H-3/8	3/8
TR-H-1/2	½
TR-H-3/4	¾
TR-H-1	1

Standard roll size is 75 feet except TR-H-1 which is packed loose in a box



INDUSIL Silica Tapes

WOVEN TAPE

INDUSIL Woven Tape has selvaged edges to prevent ravelling. WT36CH and WT65CH have a coating that improves low temperature handling and decomposes at high temperatures. Woven Tape is used as insulation for wrapping hot pipes, and to protect hoses and cables from heat, fire and molten metals. Other applications include seals, gaskets and vertical strip furnace curtains.

Product Number	Width Inches	Nominal Thickness, Inches	Nominal Roll Length, Feet
WT-19-1/2	1-1/2 + 1/8	0.020	100
WT36CH-1	1 + 1/8	0.050	100
WT36CH-1-1/2	1-1/2 + 0-1/8	0.050	100
WT36CH-2	2 + 0-1/8	0.050	100
WT36CH-4	4 + 0-1/4	0.050	100
WT36CH-6	6 + 0-1/2	0.050	100
WT65CH-1	1	0.090	50
WT65CH-1-1/2	1-1/2 + 0-1/8	0.090	50
WT65CH-2	2 + 0-1/8	0.090	50
WT65CH-4	4 + 0-1/4	0.090	50
WT65CH-6	6 + 0-1/2	0.090	50



ADHESIVE BACKED TAPE

INDUSIL Adhesive-backed Tape combines no-ravelling properties of woven tape with an adhesive system to facilitate protective wrapping of pipes, hoses and cables. The adhesive system will decompose at high temperatures. Other adhesive-backed fabrics can be custom slit on request.

Product Number	Width Inches	Nominal Thickness, Inches	Nominal Roll Length, Feet
ST84CHAB-1	1	0.030	150
ST84CHB-1-1/2	1-1/2	0.030	150
ST84CHAB-2	2	0.030	150
ST84CHAB-4	4	0.030	150
ST188CHAB-1	1	0.054	75
ST188CHAB-2	2	0.054	75
ST188CHAB-4	4	0.054	75

Other widths available on request

SLIT TAPE

INDUSIL Slit Tape is obtained by slitting full width fabric rolls. The slit tape has the same characteristics and high temperature properties as woven tape. Other fabrics including silicone and aluminised coated fabrics can be custom slit on request. Slit tape is coated to improve low temperature handling properties and minimise ravelling. The coating will decompose at high temperatures. Other widths are available on request.

Product Number	Width, Inches	Nominal Thickness, Inches	Nominal Roll Length, Feet
ST36CH-1	1	0.050	150
ST36CH-2	2	0.050	150
ST36CH-3	3	0.050	150
ST36CH-4	4	0.050	150
ST36CH-6	6	0.050	150

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