



## THERMAL INSULATING FABRIC

- CERAMIC YARNS
- GALSS YARNS



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kolkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 595 5330  
fax: 00420 59 595 5710

e-mail: kohaflex.cz@cmail.cz

# CERAMIC YARNS



The ceramic fibres are made of aluminium silicate, whose main characteristics are: considerable resistance to high temperatures, excellent chemical stability (ceramic fibres resist most corrosive substances, except phosphoric and hydrofluoric acid, and strong bases), excellent acoustic and electric insulation, low density, flexibility, no ignition loss (Texpack fibres do not contain water), thermal and physical characteristics which do not change with water, steam and oil. The ceramic fibres can be woven like all other fibres. The glass or inconel wire reinforced yarn can be twisted, packed or woven. To increase mechanical resistance, which facilitates transformation, a small quantity of organic fibres is added. This support disappears at low temperatures without altering the characteristics of ceramic fibres in any way. Ceramic yarn has a glass wire reinforced yarn core (which increases mechanical resistance and means that temperatures up to 700 °C can be withstood) and inconel wire (for temperatures up to 1100 °C). For certain applications the yarn can be reinforced with brass wire and other elements.

## APPLICATIONS

Iron metallurgy industry; industrial furnaces; electric ovens; boilers; stoves; chimneys; seals; jointing; industrial lagging and various applications for high temperatures.

## PRODUCTS

Yarns, twisted rope, sleeves, texcord, insulating cords, packings, tapes, cloth, blankets, keragraf, note de music, red silicone, thermofix, texfire, fibre, texpaper, mattress, taspac, texboard, seals.



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

# SLEEVE REINFORCED WITH GLASS – BB51

## DESCRIPTION

The ceramic sleeve is made with ceramic yarns containing 20% organic fibres.

## PRESENTATION

Sleeve with glass reinforced yarn.

## APPLICATIONS

Lagging for pipes; Lagging for flexible tubes and electric cables



<b>MISURE STANDARD STANDARD DIMENSIONS</b>		
<b>DIAMETER</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	m	gr/m
15	25	85
20	25	110
25	25	138
30	25	165
35	25	193
40	25	220
50	25	275
60	25	330



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vitkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

## SLEEVE REINFORCED WITH INCONEL – BB52

### DESCRIPTION

The ceramic sleeve is made with ceramic yarns containing 20% organic fibres.

### PRESENTATION

Sleeve with glass reinforced yarn.

### APPLICATIONS

Lagging for pipes; Lagging for flexible tubes and electric cables



### MISURE STANDARD STANDARD DIMENSIONS

<b>DIAMETER</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	m	gr/m
15	25	85
20	25	110
25	25	138
30	25	165
35	25	193
40	25	220
50	25	275
60	25	330



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

## TAPES REINFORCED WITH GLASS – BB41

### DESCRIPTION

The tape is made of ceramic yarns containing 20% organic fibres. The weft and warp weaving is carried out using state-of-the-art looms.

### PRESENTATION

Tape with glass reinforced yarns.

### APPLICATIONS

Insulation of piping; insulation of exhaust pipes; electrical insulation.



<b>MISURE STANDARD STANDARD DIMENSIONS</b>			
<b>THICKNESS</b>	<b>WIDTH</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	mm	m	gr/m
2	10	50	12
2	15	50	18
2	20	50	24
2	25	50	30
2	30	50	36
2	40	50	48
2	50	50	60
2	60	50	72
2	75	50	90
2	80	50	96
2	100	50	120
2	120	50	144
2	150	25	180
2	200	25	240
2	300	25	360
3	10	50	16
3	15	50	24
3	20	50	32
3	25	50	40
3	30	50	48
3	40	50	70
3	50	50	80

<b>MISURE STANDARD STANDARD DIMENSIONS</b>			
<b>THICKNESS</b>	<b>WIDTH</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	mm	m	gr/m
3	60	50	96
3	75	50	120
3	80	50	128
3	100	50	160
3	120	50	192
3	150	25	240
3	200	25	320
3	300	25	480
5	15	25	35
5	20	25	50
5	25	25	58
5	30	25	68
5	40	25	90
5	50	25	115
5	60	25	145
5	75	25	170
5	80	25	190
5	100	25	230
5	120	25	270
5	150	25	330
5	200	25	440
5	300	25	670



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

## TAPES REINFORCED WITH GLASS – BB42

### DESCRIPTION

The tape is made of ceramic yarns containing 20% organic fibres. The weft and warp weaving is carried out using state-of-the-art looms.

### PRESENTATION

Tape with inconel reinforced yarns.

### APPLICATIONS

Insulation of piping; insulation of exhaust pipes; electrical insulation.



<b>MISURE STANDARD STANDARD DIMENSIONS</b>			
<b>THICKNESS</b>	<b>WIDTH</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	mm	m	gr/m
2	10	50	12
2	15	50	18
2	20	50	24
2	25	50	30
2	30	50	36
2	40	50	48
2	50	50	60
2	60	50	72
2	75	50	90
2	80	50	96
2	100	50	120
2	120	50	144
2	150	25	180
2	200	25	240
2	300	25	360
3	10	50	16
3	15	50	24
3	20	50	32
3	25	50	40
3	30	50	48
3	40	50	70
3	50	50	80

<b>MISURE STANDARD STANDARD DIMENSIONS</b>			
<b>THICKNESS</b>	<b>WIDTH</b>	<b>ROLLS</b>	<b>TYPE</b>
mm	mm	m	gr/m
3	60	50	96
3	75	50	120
3	80	50	128
3	100	50	160
3	120	50	192
3	150	25	240
3	200	25	320
3	300	25	480
5	15	25	35
5	20	25	50
5	25	25	58
5	30	25	68
5	40	25	90
5	50	25	115
5	60	25	145
5	75	25	170
5	80	25	190
5	100	25	230
5	120	25	270
5	150	25	330
5	200	25	440
5	300	25	670



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 595330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

# GLASS YARNS



The glass textile articles mainly consist of 6-9 micron yarns which have undergone a texturization, volumization and subsequently a twisting process. They are asbestos-free products. The yarns, transformed into articles, are used in industrial applications where high thermal and mechanical resistance are required, with temperatures up to 550 °C. The basic E type fibres are inorganic, sterile and incombustible. They can be used for temperatures up to 550°C, resist oils, solvents many chemical agents. They do not rot and are unaffected by fungi or bacteria. They have good resistance to abrasion and vibrations, and have good elasticity and compressibility. Like all glass yarn, avoid using sodium silicate with these products.

## APPLICATIONS

Furnace joints; seal joints for stoves and ovens; lagging for pipes; flexible pipes; electric cables; boilers; industrial furnaces; furnace doors; drawing mills; protection against heat and cable and duct coverings; stove; chimneys.

## PRODUCTS

Yarns; twisted ropes; sleeves; packing; texglass; nordica; tricoglass; ceramglass; insulating rope lagging; tricotex; artica; tapes; cloth; mats; glass wool; and felts.



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

## GLASS SLEEVES – CB30

### DESCRIPTION

The sleeves is made entirely of 6-9 micron glass fibres. These only melt at very high temperatures. They can also be coated with silicon or impregnated with neoprene. On request, rubber and steel pipes can be sleeved.

### APPLICATIONS

Lagging for pipes; lagging for flexible pipes and electric cables.



<b>MISURE STANDARD STANDARD SIZES</b>		
<b>DIAMETRO DIAMETER</b>	<b>ROTOLO ROLLS</b>	<b>PESO WEIGHT</b>
<b>mm</b>	<b>m</b>	<b>gr/m</b>
12	50	60
15	50	75
20	50	100
25	50	130
30	50	150
35	50	180
40	50	200
45	50	230
50	50	250
60	25	300
70	25	360
80	25	400
100	25	500



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz



# PYROTEX SLEEVE – CB67



## CHARACTERISTICS

The braided fiber glass Pyrotex sleeve is coated with a high layer of red silicon. Resisting to a temperature up to 550°.

## APPLICATIONS

The outer red silicon rubber coating is extremely resistant to abrasion and is particularly used to protect hydraulic cooling pipes, electric circuit cables. Thanks to its low heat transfer coefficient is widely used.

## MAIN USES

Flexible tubes low and high pressure, electric circuit cables, shipbuilding and car industries, aluminium and non aluminium foundries, oil rings

### STANDARD DIMENSIONS

DIAMETER	LENGHT	DIAMETER	LENGHT	DIAMETER	LENGHT
mm	m	mm	m	mm	m
10	15	32	15	70	15
11	15	35	15	76	15
12	15	38	15	82	15
16	15	41	15	88	15
19	15	44	15	95	15
22	15	51	15	102	15
25	15	57	15	114	15
28	15	63	15	128	15



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz

# GLASS TAPE - CB50

## DESCRIPTION

The glass tape is made entirely of 9 micron glass yarns. These only melt and very high temperatures.

## APPLICATIONS

Protections against heat; cable coverings; piping and exhaust pipe insulation; electrical insulation.



<b>MISURE STANDARD STANDARD SIZES</b>				<b>MISURE STANDARD STANDARD SIZES</b>			
<b>SPESSORE THICKNESS</b>	<b>LARGHEZZA WIDTH</b>	<b>ROTOLI ROLLS</b>	<b>PESO WEIGHT</b>	<b>SPESSORE THICKNESS</b>	<b>LARGHEZZA WIDTH</b>	<b>ROTOLI ROLLS</b>	<b>PESO WEIGHT</b>
mm	mm	m	gr/m	mm	mm	m	gr/m
2	20	50	42	4	20	25	60
2	25	50	50	4	25	25	70
2	30	50	60	4	30	25	82
2	40	50	76	4	40	25	100
2	50	50	94	4	50	25	120
2	60	50	110	4	60	25	150
2	70	50	130	4	70	25	165
2	80	50	145	4	80	25	200
2	100	25	160	4	100	25	240
2	120	25	180	4	120	25	285
2	150	25	210	4	150	25	360
2	200	25	270	4	200	25	480
2	250	25	330	4	250	25	600
2	300	25	430	4	300	25	720
3	20	50	54	5	20	25	72
3	25	50	60	5	25	25	75
3	30	50	70	5	30	25	90
3	40	50	90	5	40	25	120
3	50	50	105	5	50	25	150
3	60	50	144	5	60	25	180
3	70	50	160	5	70	25	210
3	80	50	192	5	80	25	240
3	100	25	180	5	100	25	300
3	120	25	250	5	120	25	360
3	150	25	320	5	150	25	450
3	200	25	345	5	200	25	600
3	250	25	370	5	250	25	750
3	300	25	470	5	300	25	900



**KOHAFLEX spol. s r.o.**  
P.O.BOX 78-Pošta 5, Majerská cesta 57  
974 05 Banská Bystrica, Slovakia  
tel.: 00421 48 4141 075  
fax: 00421 48 4146 918  
e-mail: kohaflex@kohaflex.sk  
www.kohaflex.sk

**KOHAFLEX CZ spol. s r.o.**  
P.O.BOX 73, Kotkova 6  
703 00 Ostrava - Vítkovice  
tel.: 00420 59 5955330  
fax: 00420 59 5955710  
e-mail: kohaflex.cz@cmail.cz