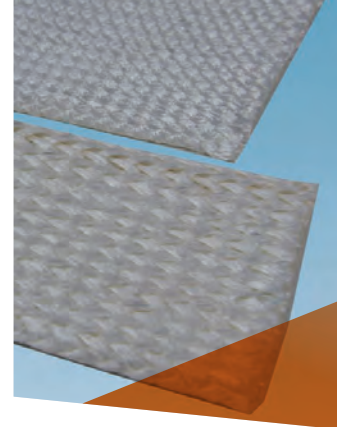


# Silicajacket



## BRAIDED SLEEVING FORM SILICA FIBRES

In cases of higher temperatures than the standard Thermo jacket, Silicajacket is the solution as heat protection for cables and hoses. Thanks to the natural rigidity the Silicajacket is easy to apply over long lengths of hose or cable and the large braid angle allows for significant expansion of the sleeve if necessary (for instance with in-line couplings or bigger cable-splices). The material resists most acids and alkalis; is unaffected by most bleaches and solvents. Silicajacket does not withstand molten splash like Hipro jacket does, but offers good heat protection at higher continuous temperatures than are possible for Hipro jacket and Thermo jacket. Applications include thermal insulation and protecting of cables and hoses in the glass, ceramics and steel industry as well as in the apparatus- and machine-building industry. In case a higher abrasion is needed it is possible to supply Silicajacket with a Vermiculite coating. Also available completely made from ceramic fibres for temperatures up to +1260 °C continuous.

### Material & Construction:

**Construction:** Braided sleeving from amorphous silica fibres, high continuous temperature, halogen free, good thermal insulation, easy installation for long lengths. The resistance to acids is fair and to most alkalis is good. Silicajacket has a high resistance against bleaches and solvents.

**Temperature:** -55 °C till +980 °C continuous.

**Colour:** White.



SILICAJACKET			DIAMETRE		STANDARD CARTON		SMALL CARTON		REELS		WEIGHT
Size (mm)	Size (inch)	Type	Inside (mm)	Outside (mm)	Metre	Article No. white	Metre	Article No. white	Metre	Article No. white	(kg/m)
16	1"	SJ-16	25	27	15	347.016.1	-	-	-	-	0,008
24	1 1/2"	SJ-24	38	40	15	347.024.1	-	-	-	-	0,015
32	2"	SJ-32	50	52	15	347.032.1	-	-	-	-	0,02
48	3"	SJ-48	75	77	15	347.048.1	-	-	-	-	0,03
64	4"	SJ-64	100	102	15	347.064.1	-	-	-	-	0,04

# Basaltjacket



## KNITTED SLEEVING FROM BASALT YARN

This high temperature knitted sleeve is constructed of 100% basalt yarn, which provides excellent thermal protection and will withstand continuous exposure to temperatures of up to +750°C. When installed on vehicle exhaust tubes and pipes, the sleeve facilitates retention of high temperatures as gases flow through the exhaust system.

The durable, knitted design is very flexible, which enables ease of assembly over tubes and pipes with bends and flanges. The dense single wall construction provides optimal coverage. The heavy duty construction, which is more than 15% denser than market average and minimizes snagging and tearing of the sleeve during assembly. The sleeves are available in precut lengths or continuous lengths of up to 150 meter (depending on size), which permits the user to cut the sleeves to exact lengths to adapt to specific requirements. Typical applications include automotive, heavy-duty truck, and bus exhaust tubes and pipes and high temperature industrial applications to protect hoses and cables.

### Material & Construction:

**Construction:** Knitted basalt yarn.

**Chemical resistance:** Resists most acids and alkalis and is unaffected by most bleaches and solvents.

**Operating temperature:** -260 °C till +750 °C continuous, +980°C short term.

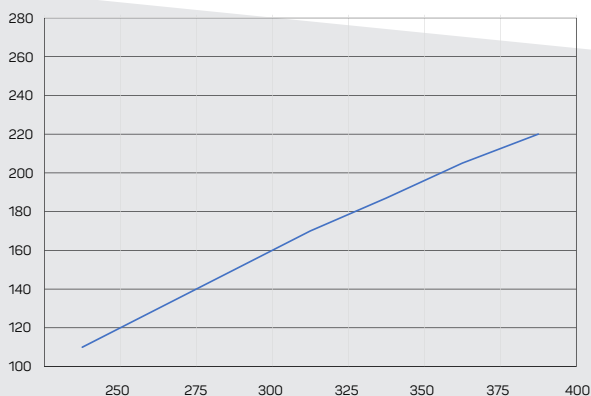
**Colour:** Gold.



BASALTJACKET			DIAMETRE		STANDARD CARTON		SMALL CARTON		REELS		WEIGHT
Size (mm)	Size (inch)	Type	Inside (mm)	Outside (mm)	Metre	Article No. gold	Metre	Article No. gold	Metre	Article No. gold	(kg/m)
25	1"	BJ-16	25	30	152	347.625.6	30	347.625.3	-	-	-
38	1.1/2"	BJ-24	38	43	91	347.638.6	30	347.638.3	-	-	-
51	2"	BJ-32	51	56	76	347.651.6	30	347.651.3	-	-	-
64	2.1/2"	BJ-40	64	69	68	347.664.6	30	347.664.3	305	347.664.8	-
76	3"	BJ-48	76	81	61	347.676.6	30	347.676.3	259	347.676.8	-
89	3.1/2"	BJ-56	89	94	53	347.689.6	30	347.689.3	228	347.689.8	-
102	4"	BJ-64	102	107	50	347.695.6	30	347.695.3	198	347.695.8	-
127	5"	BJ-80	127	132	38	347.698.6	30	347.698.3	152	347.698.8	-

### Wire heat protection test

Wire temperature at 76 mm from a 4" exhaust tube



### Exhaust tube temperature °C

The information contained herein is believed to be reliable. Users should make their own evaluations on products and materials to determine the suitability for the application.