



## Thermojacket S: Braided sleeving from E-glass, with an acrylic saturant coating.

The braided glass fibre sleeving is coated with an acrylic saturant coating, which adds rigidity and abrasive strength to the product and reduces the likelihood of endfray. Thanks to this rigidity the Thermojacket S 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. In the field of cable protection, a complete program of Thermojacket fittings is available for easy installation. Thermojacket S does not withstand molten splash like Hiprojacket does, but offers good heat protection at higher continuous temperatures than are possible for Hiprojacket. 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. On demand also available with Vermiculite coating which will withstand extended exposure to temperatures up

to +815 °C or completely made from silica with a continuous operating temperature up to +1090 °C.

### Material & Construction:

**Construction:** Braided E-glass sleeving, basic fibre produced according ASTM D-578, with acrylic saturant coating; high continuous temperature, halogen-free, good thermal insulation, abrasion resistant, no end-fray, easy installation for long lengths.

The resistance to acids is fair and to most alkalis is good. Thermojacket S has a high resistance against bleaches and solvents.

**Temperature:** -55 °C till +538 °C continuous.

**Colour:** Gold.



Thermojacket S			Diameter		Standard carton		Small carton		Reels		Weight
Size	Size	Type	Inside	Outside	Metre	Article No.	Metre	Article No.	Metre	Article No.	(Kg/m)
(#)	(Inch)		(mm)	(mm)		Gold		Gold		Gold	
4	1/4"	TJ-04	5 - 10	7 - 12	30	336.604.3	15	336.604.1	180	336.604.8	0,02
6	3/8"	TJ-06	8 - 15	10 - 17	30	336.606.3	15	336.606.1	120	336.606.8	0,04
10	5/8"	TJ-10	12 - 30	14 - 32	30	336.610.3	15	336.610.1	75	336.610.8	0,08
14	7/8"	TJ-14	20 - 50	22 - 52	30	336.614.3	15	336.614.1	60	336.614.8	0,15
22	1.3/8"	TJ-22	30 - 65	32 - 67	30	336.622.3	15	336.622.1	45	336.622.8	0,20
44	2.3/4"	TJ-44	50 - 125	52 - 127	30	336.644.3	15	336.644.1	-	-	0,30

Special remarks: Thermojacket S is a braided sleeve and for this reason very flexible. Due to its flexibility it can be expanded, so different sizes can be covered with one and the same type of Thermojacket S.

Please notice that when the sleeve is expanded, more meters are necessary to cover the same length, as indicated in the table below.

TJ-04 on 6 mm core: 1,00 metre TJ is needed to cover 1,00 metre core.  
 TJ-06 on 10 mm core: 1,00 metre TJ is needed to cover 1,00 metre core.  
 TJ-06 on 13 mm core: 1,25 metre TJ is needed to cover 1,00 metre core.  
 TJ-10 on 16 mm core: 1,00 metre TJ is needed to cover 1,00 metre core.  
 TJ-10 on 19 mm core: 1,15 metre TJ is needed to cover 1,00 metre core.  
 TJ-14 on 25 mm core: 1,02 metre TJ is needed to cover 1,00 metre core.  
 TJ-14 on 32 mm core: 1,08 metre TJ is needed to cover 1,00 metre core.  
 TJ-22 on 38 mm core: 1,06 metre TJ is needed to cover 1,00 metre core.  
 TJ-22 on 52 mm core: 1,17 metre TJ is needed to cover 1,00 metre core.  
 TJ-44 on 76 mm core: 1,16 metre TJ is needed to cover 1,00 metre core.  
 TJ-44 on 102 mm core: 1,51 metre TJ is needed to cover 1,00 metre core.

The fittings for Thermojacket S are outlined  
on page 19.



**ANAMET HEAT PROTECTION PRODUCTS**

**FITTINGS FOR THERMO-JACKET S IP 40**



**Anaconda nickel plated brass fittings for Anamet Thermo jacket S.**

To fit the Thermo jacket S you can use the standard Anaconda fittings (which are being used for Sealtite), if you replace their standard polyamide clamping rings with the special metal clamping rings mentioned here under. The fittings are also available in 45° - 90° and in stainless steel.

**Material & Construction:**

**Construction:** Nickel plated brass fitting, consisting of 4 parts (counter nut, clamping ring, ferrule and body).

**Material:** Counter nut, body, clamping ring and ferrule are nickel plated brass with exception of size 3/8" till 1" where the ferrule is from galvanised steel. Inserts are made from PA6 (red for ISO metric, blue for Pg and white for NPT).

**Temperature:** -45 °C till +105 °C continuous (cable-hose-fittings till +300 °C on request).

**Protection class:** IP 40.

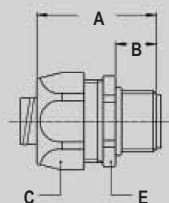
**Colour:** Metal.

**Clamping ring, nickel plated brass, for combination with Thermo jacket S.**



Thermo jacket S		Min. Internal Bore (mm)	Fitting thread size			Standard Package	Article Number	Weight (Kg/100)
Size (#)	Typ		ISO	Pg	NPT			
6	TJ-06	-	M16 x 1,5	Pg 11	1/2" NPT	50	817.612.0*	0,6
10	TJ-10	-	M20 x 1,5	Pg 16	1/2" NPT	50	817.616.0	0,6
10	TJ-10	-	M25 x 1,5	Pg 21	3/4" NPT	25	817.620.0	1,0
14	TJ-14	-	M32 x 1,5	Pg 29	1" NPT	10	817.626.0	1,2
14	TJ-14	-	M40 x 1,5	Pg 36	1.1/4" NPT	5	817.635.0*	2,0
22	TJ-22	-	M50 x 1,5	Pg 42	1.1/2" NPT	5	817.640.0*	4,2
22	TJ-22	-	M63 x 1,5	Pg 48	2" NPT	4	817.650.0*	9,0

**ISO straight fitting, male, nickel plated brass (without clamping ring).**



Thread ISO	Thermo jacket Size (#)	Min. Internal Bore (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	D	E			
M16 x 1,5	6	10,2	35	12	26	-	24	50	812.016.1	4,7
M20 x 1,5	10	13,9	37	13	29	-	27	50	812.020.1	5,1
M25 x 1,5	10	18,5	40	15	35	-	33	25	812.025.1	11,7
M32 x 1,5	14	23,8	46	15	45	-	43	10	812.032.1	19,7
M40 x 1,5	14	31,8	52	16	54	-	52	5	812.040.1	35,0
M50 x 1,5	22	36,8	56	18	63	-	60	5	812.050.1	42,2
M63 x 1,5	22	47,8	66	20	77	-	74	4	812.063.1	52,8

\* Please note that for the marked sizes a double layer of teflon tape or Hipsosiltape is recommended around the ferrule. This to guarantee the right pull-out strength.