

ANAMET

HIPROJACKET[®], HIPROTAPE[®],
HIPROSILTAP[®], HIPROBLANKET[®],
THERMOJACKET[®]

CONDUIT SYSTEMS FOR
HIGH TEMPERATURES



ANAMET EUROPE



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ANAMET HIPROJACKET

Heat protection for cables and hoses.

Up to 100 degrees most conduits offer good cable protection. Metal conduits can withstand temperatures up to 600 degrees but have limited insulation properties. Hiprojacket and Hiprotape from Anamet Europe offer high temperature protection for cables and hoses, with an outer cover resistant to molten metal splashes and to many oils and chemicals found in industrial environments. Hiprojacket in tubular sleeve form is used to great effect in foundries, steelworks, glass and ceramics manufacture and in machinery for those industries.

- Construction : Woven fibre glass, the method of production creates a hollow space between outside and inside cover.
- Cover specifications : Ironoxyde silicon rubber. Withstands melted metal and intense heat radiation.
- Special approvals : NFF 16-101: class I2, F0, Oxygenindex LOI = 42,5 , flameretardant.
On demand also available in Aerospace quality SAE AS 1072 type 2.
- Temperature : +260°C continous. Till +1090°C for approx. 20 minutes. Till +1640°C for 15-30 seconds.
- Colour : Red



Trade size (ID)	mm	6	10	13	16	19	22	25	29
Type		HJ-04*	HJ-06*	HJ-08	HJ-10	HJ-12	HJ-14	HJ-16	HJ-18
Inside diameter	mm	6	10	13	16	19	22	25	29
Outside diameter	mm	11	15	18	22	25	28	31	35
Small carton	m	15	15	15	15	15	15	15	15
Article No.		336.006.1	336.010.1	336.013.1	336.016.1	336.019.1	336.022.1	336.025.1	336.029.1
Standard carton	m	30	30	30	30	30	30	30	30
Article No.		336.006.3	336.010.3	336.013.3	336.016.3	336.019.3	336.022.3	336.025.3	336.029.3

Trade size (ID)	mm	32	35	38	41	44	51	57	64
Type		HJ-20	HJ-22	HJ-24	HJ-26	HJ-28	HJ-32	HJ-36	HJ-40
Inside diameter	mm	32	35	38	41	44	51	57	64
Outside diameter	mm	38	41	44	47	50	57	63	70
Small carton	m	15	15	15	15	15	15	15	15
Article No.		336.032.1	336.035.1	336.038.1	336.041.1	336.044.1	336.051.1	336.057.1	336.070.1
Standard carton	m	30	30	30	30	30	30	30	30
Article No.		336.032.3	336.035.3	336.038.3	336.041.3	336.044.3	336.051.3	336.057.3	336.064.3

Trade size (ID)	mm	70	76	83	89	95	102	114	127
Type		HJ-44	HJ-48	HJ-52	HJ-56	HJ-60	HJ-64	HJ-72	HJ-80
Inside diameter	mm	70	76	83	89	95	102	114	127
Outside diameter	mm	76	82	89	95	100	108	120	133
Small carton	m	15	15	15	15	15	15	15	15
Article No.		336.070.1	336.076.1	336.083.1	336.089.1	336.095.1	336.102.1	336.898.1	336.899.1
Standard carton	m	30	30	30	30	30	30	-	-
Article No.		336.070.3	336.076.3	336.083.3	336.089.3	336.095.3	336.102.3	-	-

Fittings for Hiprojacket can be found at the next page.

ANACONDA FITTINGS for HIPROJACKET

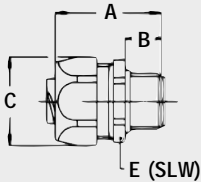
Trade size Hiprojacket		13	16	22	25	35	38	51
Fittings	ISO	M16	M20	M25	M32	M40	M50	M63
	PG	11	16	21	29	36	42	48

Connection set (clampring nickel plated brass)



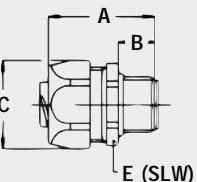
ISO thread size		M16	M20	M25	M32	M40	M50	M63
PG thread size		11	16	21	29	36	42	48
For Hiprojacket mm		13	16	22	25	35	38	51
Type Hiprojacket		HJ-08	HJ-10	HJ-14	HJ-16	HJ-22	HJ-24	HJ-32
Min. intern diam. mm		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		817.512.0	817.516.0	817.520.0	817.526.0	817.535.0	817.540.0	817.550.0

ISO straight fitting, male, nickel plated brass (without clampring)



ISO thread size		M16x1,5	M20x1,5	M25x1,5	M32x1,5	M40x1,5	M50x1,5	M63x1,5
For Hiprojacket mm		13	16	22	25	35	38	51
Min. intern diam. mm		10,2	13,9	18,5	23,8	31,8	36,8	47,8
Dimensions in mm	A	35	37	40	46	52	56	66
	B	12	13	15	15	16	18	20
	C	26	29	35	45	54	63	77
	E	24	27	33	43	52	60	74
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		812.016.1	812.020.1	812.025.1	812.032.1	812.040.1	812.050.1	812.063.1

PG straight fitting, male, nickel plated brass (without clampring)



PG thread size		11	16	21	29	36	42	48
For Hiprojacket mm		13	16	22	25	35	38	51
Min. intern diam. mm		10,2	13,9	18,5	23,8	31,8	36,8	47,8
Dimensions in mm	A	35	37	40	46	52	56	66
	B	12	13	15	15	16	18	20
	C	26	29	35	45	54	63	77
	E	24	27	33	43	52	60	74
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		810.011.1	810.016.1	810.021.1	810.029.1	810.036.1	810.042.1	810.048.1

ANACONDA fittings for Hiprojacket

To fit the Hiprojacket you can use the standard Anaconda fittings (which are being used for metal conduits Seallite), if you replace their standard polyamide clamprings with the special metal clamprings mentioned above. The fittings are also available in 45° - 90° and in stainless steel (we refer to our main catalogue or ask our sales representative). The IP rating is IP 54 (isolated with Hiprosiltape IP 67 is possible). The maximum continuous temperature is +260 °C. For reduction of temperature with use of Hiprojacket see page Thermo jacket.

ANAMET HIPROTAPE & HIPROSILTAPE

Heat protection for cables and hoses.

Hiprotape delivers the same heat protection as Hiprojacket in the form of a Band which can be wrapped around already installed cables, hoses or pipes and valves. The silicone rubber cover of Hiprotape is resistant to oil and chemicals and resists molten metal splashes.

Hiprosiltape is specially formulated to adhere only to itself, used to seal the ends of Hiprojacket and Hiprotape installations, it provides a moisture proof seal resistant to Intense heat radiation.

Construction	: Woven fibre glass, the method of production creates a hollow space between outside and inside cover.
Cover specifications	: Ironoxyde silicon rubber. Withstands melted metal and intense heat radiation.
Temperature	: +260°C continous. Till +1090°C for approx. 20 minutes. Till +1640°C for 15-30 seconds.
Colour	: Red



HIPROTAPE (sleeve)

Trade size (ID)	mm	25	51	76	102	127
Type		HT-1	HT-2	HT-3	HT-4	HT-5
Width	mm	25	51	76	102	127
Thickness	mm	3	3	3	3	3
Small carton	m	15	15	15	15	15
Article No.		337.025.1	337.050.1	337.076.1	337.100.1	337.127.1
Standard carton	m	30	30	30	30	30
Article No.		337.025.3	337.050.3	337.076.3	337.100.3	337.127.3



HIPROSILTAPE (self-adhesive tape)

Trade size (ID)	mm	25	38
Type		HST-16	HST-24
Width	mm	25	38
Thickness	mm	0,5	0,3
Small carton	m	-	-
Article No.		-	-
Standard carton	m	11	11
Article No.		337.525.1	337.538.1

ANAMET HIPROBLANKET

Ultimate heat protection.

Woven glass fibre backed by a super heat resistant cover provides an effective method to shield equipment from intense heat radiation and the hazard of melted metal splashes.

Supplied as a blanket 1 metre wide by up to 45 metres long, Hiproblanket can be configured to provide shielding for almost any shape. Joined by sewing with fibre glass or aramid yarn, metal turnbuckle catches or hook and loop fasteners, covers are able to shield furnace control panels, cable ladders and fettling plants.

Construction : Woven fibre glass inside material.

Cover specifications : Ironoxyde silicon rubber outside material. Withstands melted metal and intense heat radiation.

Temperature : +260°C continous. Till +1090°C for approx. 20 minutes. Till +1640°C for 15-30 seconds.

Colour : Red



Trade size (ID)	mm	1016
Type		HB-1
Width	mm	1016
Thickness	mm	4•
Weight	Kg/m2	3,26
Delivery per meter	m	1
Article No.		336.440.0
Standard carton	m	45
Article No.		336.440.5



Special remarks Hiproblanket

- * Because Hiproblanket is a woven blanket the dimensions are 1016 mm x 45 meter, made as a large blanket. From this material, special assemblies on specification, can be made like; sewed together with fibre glass or aramid yarn, assembly of eyes or buttons.
- * It is also possible to make ready made products like curtains or coverings for big flexible conduits and for compensators.
- * For ready made complete assemblies with wrapped tape see Hiproblanket special

ANAMET HIPOBLANKET SPECIAL

The ultimate heatprotection

The heat protection of Hiprojacket in a split retro fit form for installation on Existing cables and hoses. Hiproblanket special, constructed from woven glass fibre with special heat resistant silicone rubber cover is formed to fit cables and hoses in diameters from 22 to 152 mm. Attached by a hook and loop closure the sleeve is easily fitted and provides superior protection against intense heat radiation.

- Construction. : Woven glass fibre with silicone rubber cover. The tube is slit and fitted with a high temperature hook and loop closure installed with fibre glass yarn.
 Cover specifications : Ironoxyde silicon rubber. Withstands melted metal and intense heat radiation.
 Temperature cover : +260°C continous. Till +1090°C for approx. 20 minutes. Till +1640°C for 15-30 seconds.
 Temperature wrapp-band : +110°C continous. (type with + 170°C continous on demand)
 Colour : Red



Trade size (ID)	mm	22	25	38	41	51	57	64	70
Type		HBS-14	HBS-16	HBS-24	HBS-26	HBS-32	HBS-36	HBS-40	HBS-44
Inside diameter	mm	22	25	38	41	51	57	64	70
Outside diameter	mm	29	32	45	48	58	64	71	77
Delivery per meter	m	1	1	1	1	1	1	1	1
Article No.		336.522.0	336.525.0	336.538.0	336.541.0	336.551.0	336.557.0	336.564.0	336.570.0
Standard carton	m	15	15	15	15	15	15	15	15
Article No.		336.522.1	336.525.1	336.538.1	336.541.1	336.551.1	336.557.1	336.564.1	336.570.1

Trade size (ID)	mm	76	83	89	95	102	152
Type		HBS-48	HBS-52	HBS-56	HBS-60	HBS-64	HBS-96
Inside diameter	mm	76	83	89	95	102	152
Outside diameter	mm	83	90	96	101	109	159
Delivery per meter	m	1	1	1	1	1	1
Article No.		336.576.0	336.583.0	336.589.0	336.595.0	336.598.0	336.599.0
Standard carton	m	15	15	15	15	15	15
Article No.		336.576.1	336.583.1	336.589.1	336.595.1	336.598.1	336.599.1

Special remarks Hiproblanket special

- * Hiproblanket special can, on demand, be delivered in every size and length (max. length 45 meter).
- * On demand the wrappband can be delivered for a higher temperature (+ 170°C).
- * On demand Hiproblanket special can be fitted with additional press-buttons or turn-buckles.
- * Also available Hiproblanket wrapped special, with Wrappedband and turnbuckles from 100 mm till 279 mm diameter.
- * All mentioned types are not a stock item. Please note a delivery time of approx. 4 - 6 weeks.

ANAMET THERMOJACKET

The easy alternative in heat protection for cables and hoses

Thermojacket resists to temperatures continuous up to 538 °C (1000 °F).

It is made from flexible woven fibre glass saturated in special mineral substance, that makes the sleeve more resistant. Using this procedure the conduit not only protects from extreme temperatures but also results to be particularly resistant to abrasion, fraying or wear. Thanks to its elasticity Thermojacket can also easily be used to cover cables of an extended length. However it does not withstand melted metal sparks as Hiprojacket does. Thermojacket is also being used to lower the temperatures of electric cables or of conduits containing fluids or gas. Temperatures lower approximately as indicated in the tabel below.

Construction : Woven fibre glass, saturated with a special heatprotection coating.
 Cover specifications : Special coating. Withstands intense heat radiation.
 Temperature : +538°C continuous.
 Colour : Gold



External diamter Ø to cover mm	6	10	13	16	19	25	32	38	52	76	102
Type	TJ-4	TJ-6	TJ-6	TJ-10	TJ-10	TJ-14	TJ-14	TJ-22	TJ-22	TJ-44	TJ-44
Material needed to cover 1 meter	1,00	1,00	1,25	1,00	1,15	1,02	1,08	1,06	1,17	1,16	1,51
At diamter mm	6	10	13	16	19	25	32	38	52	76	102
Inside diameter minimum mm	5	8	8	12	12	20	20	30	30	50	50
Inside diameter maximum mm	12	17	17	32	32	52	52	67	67	127	127
Small carton m	15	15	15	15	15	15	15	15	15	15	15
Article No.	336.604.1	336.606.1	336.606.1	336.610.1	336.610.1	336.614.1	336.614.1	336.622.1	336.622.1	336.644.1	336.644.1
Standard carton m	30	30	30	30	30	30	30	30	30	30	30
Article No.	336.604.3	336.606.3	336.606.3	336.610.3	336.610.3	336.614.3	336.614.3	336.622.3	336.622.3	336.644.3	336.644.3

Fittings for Thermojacket can be found at the next page.

Speciale Remarks Thermojacket

- * Because Themojacket is a woven sleeve and for this reason very flexible. Due to it's flexibility it can be stretched so different sizes can be covered with one and the same type Thermojacket. Please notice that when the sleeve is stretched, more meters are necessary to cover the same distance. In our calculation we have taken the diameter to be covered into consideration.
- * Thermojacket is on demand avialble in longer lengths (60 meter)
- * All mentioned items are stock item.

Temperature protection:	Cold side	versus	Warm side
Warm side Temp.	Thermojacket with use of one layer		Hiprojacket (one layer) and Thermojacket (double layer)
100 °C	75 °C		60 °C
200 °C	150 °C		120 °C
300 °C	250 °C		220 °C
400 °C	300 °C		260 °C
500 °C	350 °C		280 °C

ANACONDA FITTINGS for THERMOJACKET

Type Thermo jacket		TJ-06	TJ-10	TJ-10	TJ-14	TJ-14	TJ-22	TJ-22
Fittings	ISO	M16	M20	M25	M32	M40	M50	M63
	PG	11	16	21	29	36	42	48

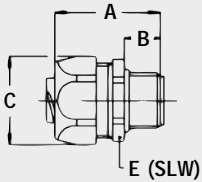
Connection set (clampring nickel plated brass)



ISO thread size		M16	M20	M25	M32	M40	M50	M63
PG thread size		11	16	21	29	36	42	48
Type Thermo jacket		TJ-06	TJ-10	TJ-10	TJ-14	TJ-14	TJ-22	TJ-22
Size Thermo jacket	mm	8 - 15	12 - 30	12 - 30	20 - 50	20 - 50	30 - 65	30 - 65
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
		-	-	-	-	-	-	-
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		817.612.0	817.616.0	817.620.0	817.626.0	817.635.0*	817.640.0*	817.650.0*



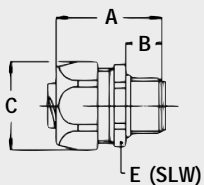
ISO straight fitting, male, nickel plated brass (without clampring)



ISO thread size		M16x1,5	M20x1,5	M25x1,5	M32x1,5	M40x1,5	M50x1,5	M63x1,5
Type Thermo jacket		TJ-06	TJ-10	TJ-10	TJ-14	TJ-14	TJ-22	TJ-22
Min. intern diam.	mm	10,2	13,9	18,5	23,8	31,8	36,8	47,8
Dimensions in mm	A	35	37	40	46	52	56	66
	B	12	13	15	15	16	18	20
	C	26	29	35	45	54	63	77
	E	24	27	33	43	52	60	74
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		812.016.1	812.020.1	812.025.1	812.032.1	812.040.1	812.050.1	812.063.1



PG straight fitting, male, nickel plated brass (without clampring)



PG thread size		11	16	21	29	36	42	48
Type Thermo jacket		TJ-06	TJ-10	TJ-10	TJ-14	TJ-14	TJ-22	TJ-22
Min. intern diam.	mm	10,2	13,9	18,5	23,8	31,8	36,8	47,8
Dimensions in mm	A	35	37	40	46	52	56	66
	B	12	13	15	15	16	18	20
	C	26	29	35	45	54	63	77
	E	24	27	33	43	52	60	74
Standard pack.	pcs.	50	50	25	10	5	5	4
Article No.		810.011.1	810.016.1	810.021.1	810.029.1	810.036.1	810.042.1	810.048.1

ANACONDA fittings for Thermo jacket

To fit the Hipro jacket you can use the standard Anaconda fittings (which are being used for metal conduits Seallite), if you replace their standard polyamide clamprings with the special metal clamprings mentioned above. The fittings are also available in 45° - 90° and in stainless steel (we refer to our main catalogue or ask our sales representative). The IP rating is IP 40. The maximum continuous temperature is +260 °C. For reduction of temperature with use of see page Thermo jacket.