



**Hiprojacket® Aero:**  
**Braided sleeving, solid constructed**  
**acc. SAE AS1072, superior short term**  
**flame protection.**

The ultimate heatprotection for cables and hoses. This solid braided glassfiber sleeving, with thick silicone cover, is constructed according to the Aerospace Standard SAE AS1072 and allows qualified hose assemblies to pass the AS1055 testing. This Hiprojacket offers superior short term flame protection and excellent temperature reduction. In the field of cable protection, a complete program of Hiprojacket fittings is available for easy installation. Resistant to hydraulic fluids, lubricating oils and fuels, Hiprojacket protects against molten splash, occasional flames, heat radiation, energy loss in piping and hoses; also protects employees from burns. Hiprojacket is typically used in the Aerospace-industry, steelworks, glass and ceramics industry, as well as in the machine- and apparatus-building.

lent oil resistant, halogen-free, superior short term flame protection, excellent temperature reduction and withstands molten splash.

**Special approvals:** Highly flameretardant acc. DIN 5510-2: S4/SR2/ST2. Ox. index LOI = 39,2. Flameretardent acc. UNI CEI 11170-3; NF EN ISO 11925-2 (15 and 30 sec.). EN 45545-2; R22 and R23 HL1/HL2/HL3; NF F 16-101 class I2 F1., Oxygenindex LOI = 39,2. Allows qualified hose assemblies to pass the SAE AS1055 testing.

**Temperature:** -55 °C till +260 °C continuous.  
 Under flame till +800 °C for approx. 20 minutes.  
 Radiation heat till +800 °C for approx. 20 minutes.  
 Molten metal splash till +1640 °C for 15-30 seconds.  
**Colour:** Red, other colours available on demand.

**Material & Construction:**

**Construction:** Braided sleeving from E-glass yarns, solid constructed acc. Aerospace Standard SAE AS1072 type 2.  
**Cover specifications:** Iron-oxide silicon rubber. Excel-



Hiprojacket Aero			Diametre		Standard carton		Small carton *		Random Length		Weight
Size	Size	Type	Inside	Outside	Metre	Article No.	Metre	Article No.	Metre	Article No.	(Kg/m)
(mm)	(Inch)		(mm)	(mm)		Red		Red		Red	
6	1/4"	HJ-04	6	11	30	336.006.3	15	336.006.1	1	336.006.0	0,12
10	3/8"	HJ-06	10	15	30	336.010.3	15	336.010.1	1	336.010.0	0,16
13	1/2"	HJ-08	13	18	30	336.013.3	15	336.013.1	1	336.013.0	0,19
16	5/8"	HJ-10	16	22	30	336.016.3	15	336.016.1	1	336.016.0	0,21
19	3/4"	HJ-12	19	25	30	336.019.3	15	336.019.1	1	336.019.0	0,24
22	7/8"	HJ-14	22	28	30	336.022.3	15	336.022.1	1	336.022.0	0,28
25	1"	HJ-16	25	31	30	336.025.3	15	336.025.1	1	336.025.0	0,33
29	1.1/8"	HJ-18	29	35	30	336.029.3	15	336.029.1	1	336.029.0	0,35
32	1.1/4"	HJ-20	32	38	30	336.032.3	15	336.032.1	1	336.032.0	0,39
35	1.3/8"	HJ-22	35	41	30	336.035.3	15	336.035.1	1	336.035.0	0,45
38	1.1/2"	HJ-24	38	44	30	336.038.3	15	336.038.1	1	336.038.0	0,48
41	1.5/8"	HJ-26	41	47	30	336.041.3	15	336.041.1	1	336.041.0	0,52
44	1.3/4"	HJ-28	44	50	30	336.044.3	15	336.044.1	1	336.044.0	0,64
51	2"	HJ-32	51	57	30	336.051.3	15	336.051.1	1	336.051.0	0,67
57	2.1/4"	HJ-36	57	63	30	336.057.3	15	336.057.1	1	336.057.0	0,74
64	2.1/2"	HJ-40	64	70	30	336.064.3	15	336.064.1	1	336.064.0	0,75
70	2.3/4"	HJ-44	70	76	30	336.070.3	15	336.070.1	1	336.070.0	0,88
76	3"	HJ-48	76	82	30	336.076.3	15	336.076.1	1	336.076.0	1,03
83	3.1/4"	HJ-52	83	89	30	336.083.3	15	336.083.1	1	336.083.0	1,13
89	3.1/2"	HJ-56	89	95	30	336.089.3	15	336.089.1	1	336.089.0	1,18
95	3.3/4"	HJ-60	95	101	30	336.095.3	15	336.095.1	1	336.095.0	1,34
102	4"	HJ-64	102	108	30	336.102.3	15	336.102.1	1	336.102.0	1,41

\* In the 15 meter packaging it is possible that 2 lengths (totally 15 meter) are packed (minimum shortest length 4,5 meter).

The fittings for Hiprojacket are outlined on page 8.



**ANAMET HEAT  
 PROTECTION  
 PRODUCTS**

**PROTECTION  
 SLEEVE TYPE  
 HIPROJACKET  
 AERO**



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Hiprojacket Aero			Diametre		Standard carton		Small carton		Reels		Weight (Kg/m)
Size (mm)	Size (Inch)	Type	Inside (mm)	Outside (mm)	Metre	Article No. <b>Black</b>	Metre	Article No. <b>Black</b>	Metre	Article No. <b>Black</b>	
13	1/2"	HJ-08	13	18	30	346.913.3	-	-	-	-	0,19
16	5/8"	HJ-10	16	22	30	346.916.3	-	-	-	-	0,21
19	3/4"	HJ-12	19	25	30	346.919.3	-	-	-	-	0,24
29	1.1/8"	HJ-18	29	35	30	346.929.3	-	-	-	-	0,35
35	1.3/8"	HJ-22	35	41	30	346.935.3	-	-	-	-	0,45
38	1.1/2"	HJ-24	38	44	30	346.938.3	-	-	-	-	0,48
41	1.5/8"	HJ-26	41	47	30	346.941.3	-	-	-	-	0,52
51	2"	HJ-32	51	57	30	346.951.3	-	-	-	-	0,67

**ANAMET HEAT  
PROTECTION  
PRODUCTS**

**PROTECTION  
SLEEVE TYPE  
HIPROJACKET  
AERO**



## Anaconda nickel plated brass fittings for Hiprojacket®.

To fit the Hiprojacket you can use the standard Anaconda fittings (which are being used for metal conduits Sealite), 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 (see also chapter 4 and 6).

### 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 54 (dust-protected, splash water-proof), additionally sealed with Hiprosiltape, IP 67 is possible.

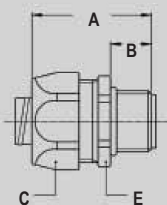
**Colour:** Metal.

### Clamping ring, zinc plated brass, for combination with Hiprojacket.



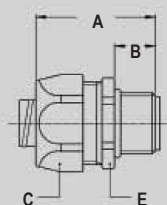
Hiprojacket type			Fitting thread size			Standard Package	Article Number	Weight (Kg/100)
Size (mm)	Aero	Industrial	ISO	Pg	NPT			
13 / 10	HJ-08	HJ-I-06	M16 x 1,5	Pg 11	1/2" NPT	10	817.512.0	0,6
16 / 13	HJ-10	HJ-I-08	M20 x 1,5	Pg 16	1/2" NPT	10	817.516.0	0,6
22 / 19	HJ-14	HJ-I-12	M25 x 1,5	Pg 21	3/4" NPT	5	817.520.0	1,0
25	HJ-16	HJ-I-16	M32 x 1,5	Pg 29	1" NPT	5	817.526.0	1,2
35 / 32	HJ-22	HJ-I-20	M40 x 1,5	Pg 36	1.1/4" NPT	2	817.535.0	2,0
38	HJ-24	HJ-I-24	M50 x 1,5	Pg 42	1.1/2" NPT	2	817.540.0	4,2
51	HJ-32	HJ-I-32	M63 x 1,5	Pg 48	2" NPT	2	817.550.0	9,0

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



Thread	Hiprojacket type		Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
	Aero	Industrial	A	B	C	D	E			
M16 x 1,5	HJ-08	HJ-I-06	35	12	26	-	24	10	812.016.1	4,7
M20 x 1,5	HJ-10	HJ-I-08	37	13	29	-	27	10	812.020.1	5,1
M25 x 1,5	HJ-14	HJ-I-12	40	15	35	-	33	5	812.025.1	11,7
M32 x 1,5	HJ-16	HJ-I-16	46	15	45	-	43	5	812.032.1	19,7
M40 x 1,5	HJ-22	HJ-I-20	52	16	54	-	52	2	812.040.1	35,0
M50 x 1,5	HJ-24	HJ-I-24	56	18	63	-	60	2	812.050.1	42,2
M63 x 1,5	HJ-32	HJ-I-32	66	20	77	-	74	2	812.063.1	52,8

### Pg straight fitting, male, nickel plated brass (without clamping ring).



Thread	Hiprojacket type		Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
	Aero	Industrial	A	B	C	D	E			
Pg 11	HJ-08	HJ-I-06	35	12	26	-	24	10	810.011.1	4,7
Pg 16	HJ-10	HJ-I-08	37	13	29	-	27	10	810.016.1	5,1
Pg 21	HJ-14	HJ-I-12	40	15	35	-	33	5	810.021.1	11,7
Pg 29	HJ-16	HJ-I-16	46	15	45	-	43	5	810.029.1	19,7
Pg 36	HJ-22	HJ-I-20	52	16	54	-	52	2	810.036.1	35,0
Pg 42	HJ-24	HJ-I-24	56	18	63	-	60	2	810.042.1	42,2
Pg 48	HJ-32	HJ-I-32	66	20	77	-	74	2	810.048.1	52,8