

HIPROJACKET AERO RED



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.

Construction: Braided sleeving from E-glass yarns, solid constructed according Aerospace Standard SAE AS1072 type 2.

Cover specifications: Iron-oxide silicon rubber. Excellent 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.
- Flameretardant acc. UNI CEI 11170-3.
- NF EN ISO 11925-2 (15 and 30 sec.).
- EN 45545-2; R22 and R23 HL1 / HL2 / HL3, (CIT_{nlp} = 0,02 , D_s max = 70 and LOI = 40,1).
- 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.

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 (totaly 15 meter) are packed (minimum shortest length 4,5 meter).

The fittings for Hiprojacket are outlined on page 10-07.



HIPROJACKET AERO BLACK



Braided sleeving, solid constructed acc. SAE AS1072, superior short term flame protection



Hiprojacket Aero			Diametre		Standard carton		Small carton		Random Length		Weight
Size (mm)	Size (Inch)	Type	Inside (mm)	Outside (mm)	Metre	Article No.	Metre	Article No.	Metre	Article No.	(Kg/m)
						Black		Black		Black	
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

FITTINGS FOR HIPOJACKET, IP 67



Anaconda nickel plated brass fittings for Hipojacket®

Anaconda standard fittings are made from **nickel plated brass** and also designed to be used in combination with Hipojacket. These are basically the same fittings as for Anaconda Sealtite conduit. The difference is that the standard polyamide clamping rings are replaced by a special metal clamping ring.

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 Hipojacket.



Hipojacket type			Fitting thread size			Standard Package	Article Number	Weight (Kg/100)
Size (mm)	Aero		ISO	Pg	NPT			
13 / 10	HJ-08	-	M16 x 1,5	Pg 11	1/2" NPT	10	817.512.0	0,6
16 / 13	HJ-10	-	M20 x 1,5	Pg 16	1/2" NPT	10	817.516.0	0,6
22 / 19	HJ-14	-	M25 x 1,5	Pg 21	3/4" NPT	5	817.520.0	1,0
25	HJ-16	-	M32 x 1,5	Pg 29	1" NPT	5	817.526.0	1,2
35 / 32	HJ-22	-	M40 x 1,5	Pg 36	1.1/4" NPT	2	817.535.0	2,0
38	HJ-24	-	M50 x 1,5	Pg 42	1.1/2" NPT	2	817.540.0	4,2
51	HJ-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		Hipojacket type		Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
ISO	Aero			A	B	C	D	E			
M16 x 1,5	HJ-08	-		35	12	26	-	24	10	812.016.1	4,7
M20 x 1,5	HJ-10	-		37	13	29	-	27	10	812.020.1	5,1
M25 x 1,5	HJ-14	-		40	15	35	-	33	5	812.025.1	11,7
M32 x 1,5	HJ-16	-		46	15	45	-	43	5	812.032.1	19,7
M40 x 1,5	HJ-22	-		52	16	54	-	52	2	812.040.1	35,0
M50 x 1,5	HJ-24	-		56	18	63	-	60	2	812.050.1	42,2
M63 x 1,5	HJ-32	-		66	20	77	-	74	2	812.063.1	52,8

ISO cable-hose fitting, with extended clamping range, male, nickel plated brass.



Thread		Hipojacket		Clamping range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
ISO	Aero				A	B	C	E	F			
M16 x 1,5	HJ-08			3 - 10,2	64	12	26	24	20	10	812.716.2	8,2
M20 x 1,5	HJ-10			7 - 13,9	64	12	29	27	24	10	812.720.2	10,2
M25 x 1,5	HJ-14			9 - 18,0	77	15	35	33	30	5	812.725.2	17,0
M32 x 1,5	HJ-16			13 - 23,8	88	15	45	43	40	5	812.732.2	31,0
M40 x 1,5	HJ-22			20 - 31,8	102	15	54	52	50	2	812.740.2	54,6
M50 x 1,5	HJ-24			21 - 36,8	106	18	63	60	58	2	812.750.2	76,6
M63 x 1,5	HJ-32			27 - 44,0	116	18	77	74	68	2	812.763.2	116,6

