Northrop Grumman GS530BH Cross Reference to FlameShield™ SAE AS1072 Aviation / Aerospace Firesleeve: High Temperature, Heat, Flame & Fire Resistant Type 2 with SAE Marking Silicone Rubber Composite

500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods

GS530BH series Aviation / Aerospace grade firesleeve is manufactured to the SAE AS1072 specification. CofC and Test Report available with orders. Our company QMS has been reviewed and accepted by major aerospace OEMs. Allows properly assembled hose assemblies to meet SAE AS1055D testing. 500°F / 260°C continuous rating and with a 15 minute FAA "Fireproof" rating when assembled according to SAE AS1055. Cage L8347.

This sleeve is extremely flexible, pliable and conformable. Typically used to protect fuel, oil, hydraulic lines and hoses, as well as critical wiring and cables. Remains flexible to -76°C (-104.8°F).

Firesleeve must be cut slightly longer than the hose or cable it is covering so it covers part of the fitting or connector. The longer the hose or cable, and if tight fitting, or if in use the hose/cable will be curved, then the longer the firesleeve needs to be. Firesleeve that is short will pull back from the fitting when the hose is bent, and if this occurs the hose assembly won't meet the TSO. Appropriate clamps must be used over the firesleeve at the fitting for aviation and Marine applications. (See our clamps and tools)

This sleeve has a radial elasticity of approximately 15% allowing it to slide over connectors, fittings and splices.

For further specifications see AS1072 Technical Data Sheet. This sleeve is marked per the AS1072 specification. Other markings such as tradenames and symbols or logos may be added.

AS1072 firesleeve is also compliant to the following standards: UL 1441 VW-1, DIN EN ISO 15540, EN 45545, NF F 16-101, BS 6853, NF X 10-702, NF X 70 100 & NF X 70 200, BS EN ISO 11925, BS EN ISO 4589-2, BS EN 60695-2-11, ASTM D 2863 OI, DD CEN/TS 45545-2, ASTM G85 Type 2.

500°F / 260°C continuous rating, 800°F / 426°C for periods up to 30 minutes
2200°F / 1205°C for periods up to 15 minutes and short excursions to 3000°F / 1650°C.

GS530BH Series Cross Reference to FlameShield™ SAE AS1072 Aviation / Aerospace Grade Firesleeve with Marking

Nominal ID Inches	mm	Dash #	Northrup Grumman Part Number	FlameShield Part Number	Nominal ID Inches	mm	Dash #	Northrup Grumman Part Number	FlameShield Part Number
1/4	6	-04	GS530BH250 →	AS1072-04 SIL-FG	1 3/4	44	-28	GS530BH1750 →	AS1072-28 SIL-FG
5/16	8	-05	GS530BH312 →	AS1072-05 SIL-FG	1 7/8	48	-30	GS530BH1875 →	AS1072-30 SIL-FG
3/8	10	-06	GS530BH375 →	AS1072-06 SIL-FG	2	51	-32	GS530BH2000 →	AS1072-32 SIL-FG
7/16	11	-07	GS530BH438 →	AS1072-07 SIL-FG	2 1/4	57	-36	GS530BH2250 →	AS1072-36 SIL-FG
1/2	13	-08	GS530BH500 →	AS1072-08 SIL-FG	2 3/8	60	-38	GS530BH2375 →	AS1072-38 SIL-FG
9/16	15	-09	GS530BH562 →	AS1072-09 SIL-FG	2 1/2	64	-40	GS530BH2500 →	AS1072-40 SIL-FG
5/8	16	-10	GS530BH625 →	AS1072-10 SIL-FG	2 5/8	67	-42	GS530BH2625 →	AS1072-42 SIL-FG
11/16	17	-11	GS530BH688 →	AS1072-11 SIL-FG	2 3/4	70	-44	GS530BH2750 →	AS1072-44 SIL-FG
3/4	19	-12	GS530BH750 →	AS1072-12 SIL-FG	2 7/8	73	-46	GS530BH2875 →	AS1072-46 SIL-FG
13/16	20	-13	GS530BH812 →	AS1072-13 SIL-FG	3	76	-48	GS530BH3000 →	AS1072-48 SIL-FG
7/8	22	-14	GS530BH875 →	AS1072-14 SIL-FG	3 1/4	83	-52	GS530BH3250 →	AS1072-52 SIL-FG
1	25	-16	GS530BH1000 →	AS1072-16 SIL-FG	3 1/2	89	-56	GS530BH3500 →	AS1072-56 SIL-FG
1 1/8	29	-18	GS530BH1125 →	AS1072-18 SIL-FG	3 3/4	95	-60	GS530BH3750 →	AS1072-60 SIL-FG
1 1/4	32	-20	GS530BH1250 →	AS1072-20 SIL-FG	4	102	-64	GS530BH4000 →	AS1072-64 SIL-FG
1 3/8	35	-22	GS530BH1375 →	AS1072-22 SIL-FG	4 1/2	114	-72	GS530BH4500 →	AS1072-72 SIL-FG
1 1/2	38	-24	GS530BH1500 →	AS1072-24 SIL-FG	5	127	-80	GS530BH5000 →	AS1072-80 SIL-FG
1 5/8	41	-26	GS530BH1625 →	AS1072-26 SIL-FG	6	162	-96	GS530BH6000 →	AS1072-96 SIL-FG

SAE AS1072 Aerospace grade firesleeve is fabricated from a dense E-type braided sleeve and then receives a thick coating of self-extinguishing silicone rubber that withstands flame exposure, allowing qualified hose assemblies to meet FAA TSO-C42 (Propeller feathering hose assemblies), TSO-C53a (Fuel and Oil system hose assemblies) and TSO-C75 (Hydraulic hose assemblies). Standard lengths are 100 feet; specific cut lengths are available. Standard color is Oxide-Red with black printing. Black sleeve with white printing is available but is not specified in the AS1072 standard. Other colors available.

This product is available By-The-Foot / Metre or in standard 100 foot / 30 metre lengths
Larger sizes available in 50 foot / 15 metre lengths