

Composite hoses - biofuel



★★★★★ AERO STAR

High-quality hose for aviation fuels Inner layer:

polyamide (fabric layer, film)

Reinforcement: spiral,

polypropylene (fabric layers)

Coating:

resistant to abrasion and conditions
weatherproof PVC-coated fabric

Operating temp: -40°C to +100°C

High-quality composite hose for the transfer of special aviation fuels, jet fuels (JET A-1 and JP-6), biofuels for jet engines, synthetic fuels (SPK - *Synthetic Paraffinic Kerosene*) and aviation turbine fuels (ATF - *Aviation Turbine Fuel*, also abbreviated *avtur*). It is characterised by its high chemical resistance and robust construction. Safety factor 4:1 (HD - Heavy Duty version - 5:1). AA version (aluminium inner and outer spiral) with significantly lighter weight for easier handling of the hose.

Application: Systems handling, equipment filling - emptying (UNO), unloading and loading of road and rail tankers, industrial installations, fixed equipment for road tankers.

Standards: Meets EN 13765:2018 (Type 3), complies with Australian standards AS 2683 and NAHAD recommendations (NAHAD 600/2005).

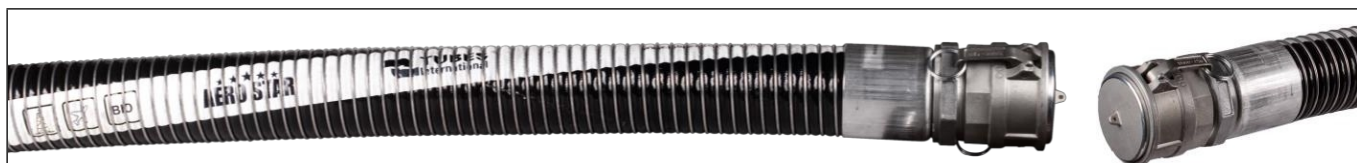
Assembly: Supplied as cables.

Versions available: SG, SS, AA - differing in inner and outer spiral material.

Chemical resistance check: table of **chemical** resistance of polyamide and spiral material (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index (versions - spiral)		inside diameter [mm]	working pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	max. length [m]
SG - stainless steel AISI 316 / galvanised steel	SS - stainless steel AISI 316 / stainless steel AISI 316						
HEAVY DUTY (HD)							
SO-AEROSTAR-SGHD-025	SO-AEROSTAR-SSHD-025	25	16	0,9	100	0,94	40
SO-AEROSTAR-SGHD-038	SO-AEROSTAR-SSHD-038	38	16	0,9	140	1,49	40
SO-AEROSTAR-SGHD-050	SO-AEROSTAR-SSHD-050	50	16	0,9	180	2,18	40
SO-AEROSTAR-SGHD-065	SO-AEROSTAR-SSHD-065	65	16	0,9	220	3,09	40
SO-AEROSTAR-SGHD-075	SO-AEROSTAR-SSHD-075	75	16	0,9	180	3,66	40
SO-AEROSTAR-SGHD-100	SO-AEROSTAR-SSHD-100	100	16	0,9	400	5,28	40

version index AA (spiral: aluminium / aluminium)	internal diameter [mm]	working pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	maximum length [m]
LIGHT DUTY (LD)						
SO-AEROSTAR-AALD-025	25	10	0,7	100	0,77	25
SO-AEROSTAR-AALD-038	38	10	0,7	140	1,13	25
SO-AEROSTAR-AALD-050	50	10	0,7	180	1,75	30
SO-AEROSTAR-AALD-065	65	10	0,7	205	2,10	25
SO-AEROSTAR-AALD-075	75	10	0,7	280	2,40	30
SO-AEROSTAR-AALD-100	100	10	0,9	395	3,90	30



AEROSTAR AA DN 75 (3") hose with CAMLOCK 3" coupling socket (AC-DU-300-A) in aluminium screwed onto a connector with male thread (DT-KGZ-075-A). Mounted using a sleeve (DT-T-075-A) designed for this type of spiral "tail" end.