



Avfuel Light / Avfuel LL composite hose

description

Composite hose made from polypropylene fabrics and films with an abrasion resistant PVC coated fabric cover. Inner wire is aluminium to reduce weight and Outer wire is galvanised mild steel or Stainless steel.

classification

Fuel and Oil Group 1 Hose.

colour code

Available in several colors – Please specify at time of ordering

principal applications

Avfuel Light is suitable for the same purpose as Avfuel but is mainly used where the weight of the hose is critical, however the crush resistance is not as good as for Avfuel, For use in aviation industry for the conveyance of aviation fuels.

manufacture

Complies with EN 13765 Type 2. The hose contains a barrier layer for 100% aromatic hydrocarbons.

assemblies

Avfuel hose assemblies are fitted with our dedicated fuel fittings, specifically designed to allow both inner and outer spiral wires of the hose to be positively connected to the fittings for electrical continuity. This is markedly superior to the use of an inconsistent separate earthing wire. The fittings are grooved to ensure the assembly is applicable only for the use with a particular fuel - Avgas or Jet A1 (refer Australian Institute of Petroleum's AIP-CP 23 Code of Practice)

temperature

Depending on the conveyant -30°C to +80°C.



special production

Avfuel Light can be supplied with a aluminium outer wire also called as **Avfuel LL (Anti Spark Avfuel LL)**

Specifications

nominal bore mm	outside dia mm	bend radius mm	pressure nominal		weight per meter Kg / m	Std. Prod. Length Meter
			psi	bar		
50	61	80	150	10	1.35	30
65	76	90	150	10	1.80	30
75	88	125	150	10	2.20	30
100	112	200	150	10	2.80	30

Safety factor of 4 : 1

Complies with BS 5842:1980 Standard on demand.