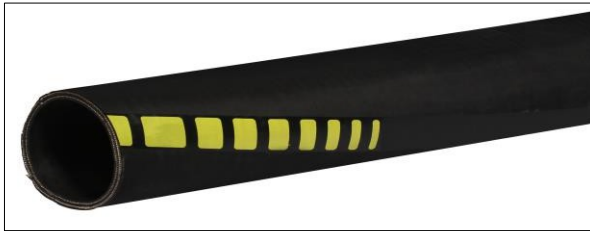




## Aircraft refuelling hoses



### AVIO GLOBAL "E"

**Suction-delivery hose for aircraft refuelling**

<b>Inner layer</b>	black NBR rubber
<b>Reinforcement:</b>	synthetic cord, steel spiral
<b>Outer layer</b>	Black synthetic rubber
<b>Operating temp:</b>	-25°C to +70°C

Extra-strong aviation fuel suction and discharge hose for draining aircraft tanks, loading and unloading airport tankers and fuel dispensers. Suitable for aviation fuel for turbine engines (aviation paraffin, paraffin, e.g. Jet A1), aviation gasoline and fuels with up to 50% aromatic hydrocarbons.

Inner layer of black, smooth, NBR rubber. Reinforced with layers of high-strength synthetic cord and steel spiral with galvanised protective coating. Outer layer in black, anti-static synthetic rubber, resistant to abrasion, weather and oil contact. **Features copper cords to ensure electrical continuity ( $R < 100 \Omega$ ) between hose ends and dissipation of static electricity - provided the cords are correctly connected to the ends.** Conforms to the requirements for aviation fuel hoses (type E/M) ISO 1825, API 1529:05, AS 2683, VG 95955, NFPA 407.

Hoses with fluorescent marking visible at night are available on special request.

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

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-AVIO-E-050	50	67,5	8,75	20	80	0,85	550	2,33	60
IV-AVIO-E-075	75	94	9,5	20	80	0,85	600	3,60	60
IV-AVIO-E-100	100	118,5	9,25	20	80	0,85	900	4,74	60



### AVIO GLOBAL "F"

**Suction and discharge hose for aircraft refuelling "NON-METALLIC"**

<b>Layer inside:</b>	Black NBR rubber
<b>Reinforcement:</b>	synthetic cord, PET spiral
<b>Outer layer:</b>	black synthetic rubber
<b>Operating temp:</b>	-25°C to +70°C

A very strong suction and discharge hose for aviation fuel, designed for filling and emptying aircraft tanks, loading and unloading airport cisterns and fuel dispensers. As a non-metallic hose, it can be used for direct filling and emptying of aircraft tanks. It can be reeled on reels. Suitable for aviation fuel for turbine engines (aviation paraffin, paraffin, e.g. Jet A1), aviation gasoline and fuels with up to 50% aromatic hydrocarbons.

Inner layer of black, smooth, NBR rubber. Reinforced with layers of high-strength synthetic cords and a polymer spiral (PET). Outer layer of black antistatic synthetic rubber, resistant to abrasion, weather and oil contact. **The antistatic outer layer ensures the required low resistance of the cable between the ends ( $10^3 \Omega < R < 10^{(6)} \Omega$ , ISO 8031).** Compliant with the requirements for aviation fuel hoses (type F/ $\Omega$ ) API 1529:05, AS 2683, VG 95955, NFPA 407.

Other diameters and hoses with fluorescent marking visible at night are available on special request.

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

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-AVIO-F-050	50	69	9,5	20	80	0,65	550	2,36	60

