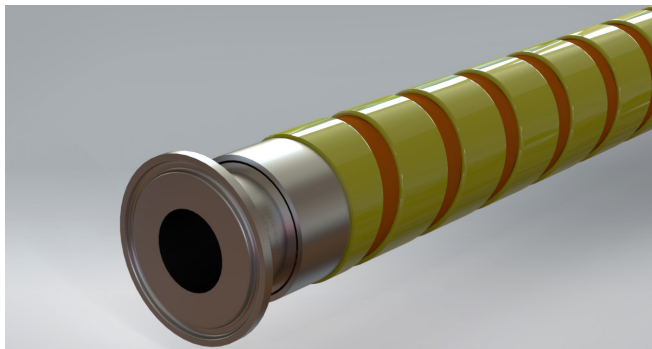


### Antistatic PTFE Lined Hose Assembly

### ATEX Compliant Fluid Transfer Hose



#### Key Features

- ATEX Compliant
- Antistatic to  $<10^6 \Omega$  minimising risk of explosion
- Wide operating temperature range
- Non-toxic, odourless and tasteless
- Chemically inert liner, resistant to 99% alcohol
- Lightweight and easy to handle
- Resistant to weathering and ageing

#### Standards & Specifications

BS EN ISO 9001:2008, FDA 21 CFR 178.3287, 3A Sanitary Standards, SAE J1737, EN10204, EN45014, ATEX Directive 2014/34/EU

#### Description

T6439 Spiritflex ATEX Compliant hose assemblies are manufactured from an antistatic FDA grade PTFE liner, reinforced with wire spiral, stainless steel braid and orange silicone outer cover with an additional PP yellow spiral guard providing additional protection, increased visibility and helps the hose slide effortlessly over smooth surfaces. This hose is highly flexible, lightweight and has a strong resistance to kinking ensuring ease of use. Assemblies are available with a wide range of hygienically swaged end connections.

#### Applications

Specifically designed and manufactured for spirits transfer applications in the distillery industry, this hose is produced in compliance with the requirements for ATEX Zones 0, 1 & 2 allowing high alcohol concentrations to be conveyed safely. All assemblies are provided with corresponding Pressure Test and EC certificates and are tested in accordance with ISO8031.

#### Construction

Liner: Black, antistatic FDA grade PTFE

Reinforcement: Stainless Steel Wire, Single layer of high tensile AISI 304 stainless steel braid

Cover: Orange Silicone cover

Protection: Yellow PP Spiral Guard for abrasion resistance and high visibility

**Liner Options** : available in smooth or convoluted bore

#### Temperature Range

Liner: -60°C to +200°C

Specification								
Size	ID (mm)	OD (mm)	Wall Thicknes (mm)	Bend Radius (mm)	WP (bar)	Min BP (bar)	Weight (kg/m)	Product Code
1"	26.00	40.00	7.00	130	40	160	1.15	T6439-025
1 ½"	36.00	53.00	8.50	180	35	140	2.25	T6439-040
2"	48.00	66.00	9.00	250	30	120	3.40	T6439-050

#### Disclaimer

Flextech hereby confirms that the PTFE assembly/assemblies on this datasheet will conform to EN 16643-2016, are electrically conductive to ATEX compliance 2014/34/EU and also compliant to PED directive 97/23-EC-category sound engineering practice (SEP). Outside Dimension does not include the external PP (Polypropylene) abrasion guard. External temperature range is limited to +110°C if assembly is fitted with the PP guard. Flextech also certifies that the whole of the supplies detailed hereon have been inspected and tested in accordance with the requirements of your order, and unless otherwise stated above comply in all respects with RoHS legislation and the requirements of subject purchase order.

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