

Conductive PTFE Tubing

Conductive ID & Fully Conductive



Customer Value Proposition:

For insulation purposes the high resistivity of plastics is an advantage but, in some cases, it can be a serious disadvantage as it results in high, static charge, build up: this in turn can result in dust pick-up and/or spark generation. The established way of improving conductivity is by adding a conductive filler such as, a high structure, carbon black. The addition of lubricants can minimize the generation of static while the addition of some semi-incompatible liquids can cause static to leak away. Parker TexLoc offers a wide variety of anti-static and conductive tubing to fit each customer's specific needs in smooth-bore or convoluted form. This tubing may be supplied with a fully conductive liner and also, a fully conductive tube.

Our fully conductive tube is available in PTFE and PFA. Industrial grade conductivity conforms to AMS-H-27267 having a minimum



conductance of 10-20 micro amps with 1,000 vdc applied over a 14" length. Upon special request an ISO grade conforming to a maximum of a 1 mega ohm resistance over a one meter length when tested in accordance with ISO 8031 is available.

Contact Information:

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Parker TexLoc offers a wide variety of anti-static and conductive tubing to fit each customer's specific needs. Conductive tubing products are available in smoothbore and convoluted form and are made to order.

Product Applications

- Anti-static properties to prevent the attraction of dust and other particulate
- Statically dissipative to prevent the build-up of static charges for electro-sensitive devices
- Static dissipative or fully conductive for the dissipative elimination of static charges affecting combustible fluid transfer
- Increase wear resistance
- Increases the resistance to UV light

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