

# Conductive PTFE Tubing

Conductive I.D. & Fully Conductive



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 Parflex 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.



**Parker 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 and are made to order.**

Parker's PTFE conductive tubing features industrial grade conductivity and has a minimum conductance of 10-20 micro amps with 1,000 vdc applied over a 14" length.

Upon special request, an ISO grade tube conforming to a maximum of a 1 mega ohm resistance over a one meter length is available.

## Contact Information:

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## Product Features:

- 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
- Increased wear resistance
- Increased resistance to UV light