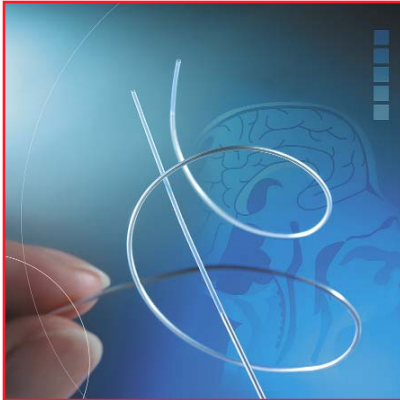


Even thinner PTFE tubing



From 20 to 10 μ m! Axon' cable further decrease the thickness of their PTFE tubes for intracerebral micro catheters. Biocompatible and antimicrobial, the ultra thin PTFE tubes have an ultra smooth and auto lubricant surface for an easy insertion of surgical tools.

The outer surface of the tubes developed by Axon' can be made adhesive without any chemical treatment which avoids the formation of cracks in the tube wall. The inner wall remains sliding so that the platinum can be easily inserted into the tube.

Other interesting characteristics: the tubes are manufactured with a new range of environmentally and health-friendly PTFE resins free of PFOA. PFOA has proven to be toxic on a basis of high dosage injections in animal testing and may be banned in 2015.

Delivered on a silver plated copper conductor and on spools, the tube can be cut to the requested length for micro catheters. A thermoplastic layer can then be added by co-extrusion to obtain the catheter.

These catheters are used to treat intracranial aneurism. They enable to slide a platinum wire into the haematoma which forms in the brain when the venous wall gets weaker.

Once placed, the wire permanently remains and helps the haematoma to resorb and protects the weakened wall.

Inert, biocompatible, antiadhesive, the PTFE is a material which particularly meets the requirements of medical applications. They can be used as tubes, tapes or insulating material.

About AXON'

The AXON' group specialise in designing and manufacturing high tech conductors, electronic cables and interconnect solutions for markets such as medical, aeronautics, military, space, consumer electronics, telecommunications, computer and automotive. The headquarters of company is situated in Montmirail in France (100 km east of Paris) and employs 1500 staff world-wide in 10 subsidiaries in Europe, America and Asia. Its consolidated turnover amounts to 79 million € in 2009. 60 % of the sales are achieved in export.

CONTACT : Sandrine HERMANT
e-mail : sa.hermant@axon-cable.fr

AXON' CABLE SAS
ROUTE DE CHALONS EN CHAMPAGNE
51210 MONTMIRAIL - FRANCE
TEL. +33 3 26 81 70 00
FAX : +33 3 26 81 28 83
WEB : <http://www.axon-cable.com>

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