



CUSTOM ELECTRICAL INSULATION

PFA TUBE

Technical data sheet - PFA tubing and sleeves, 260 degC chemical service

SINCE 2017

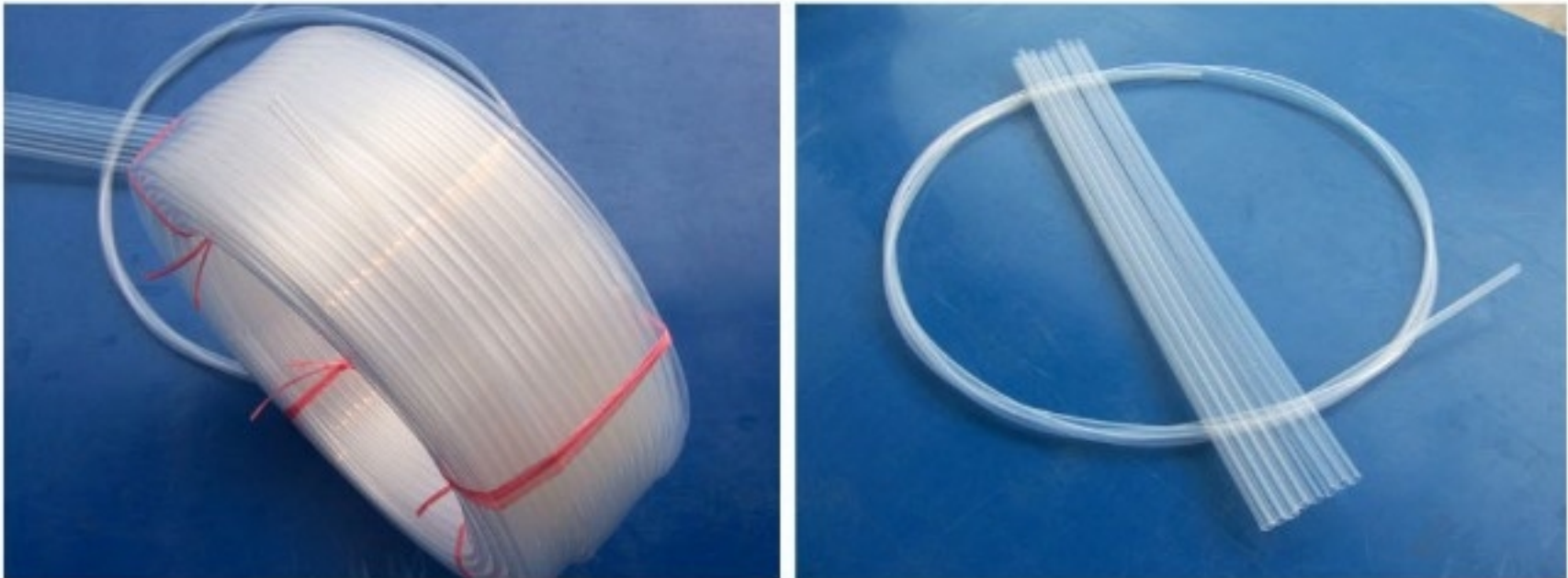
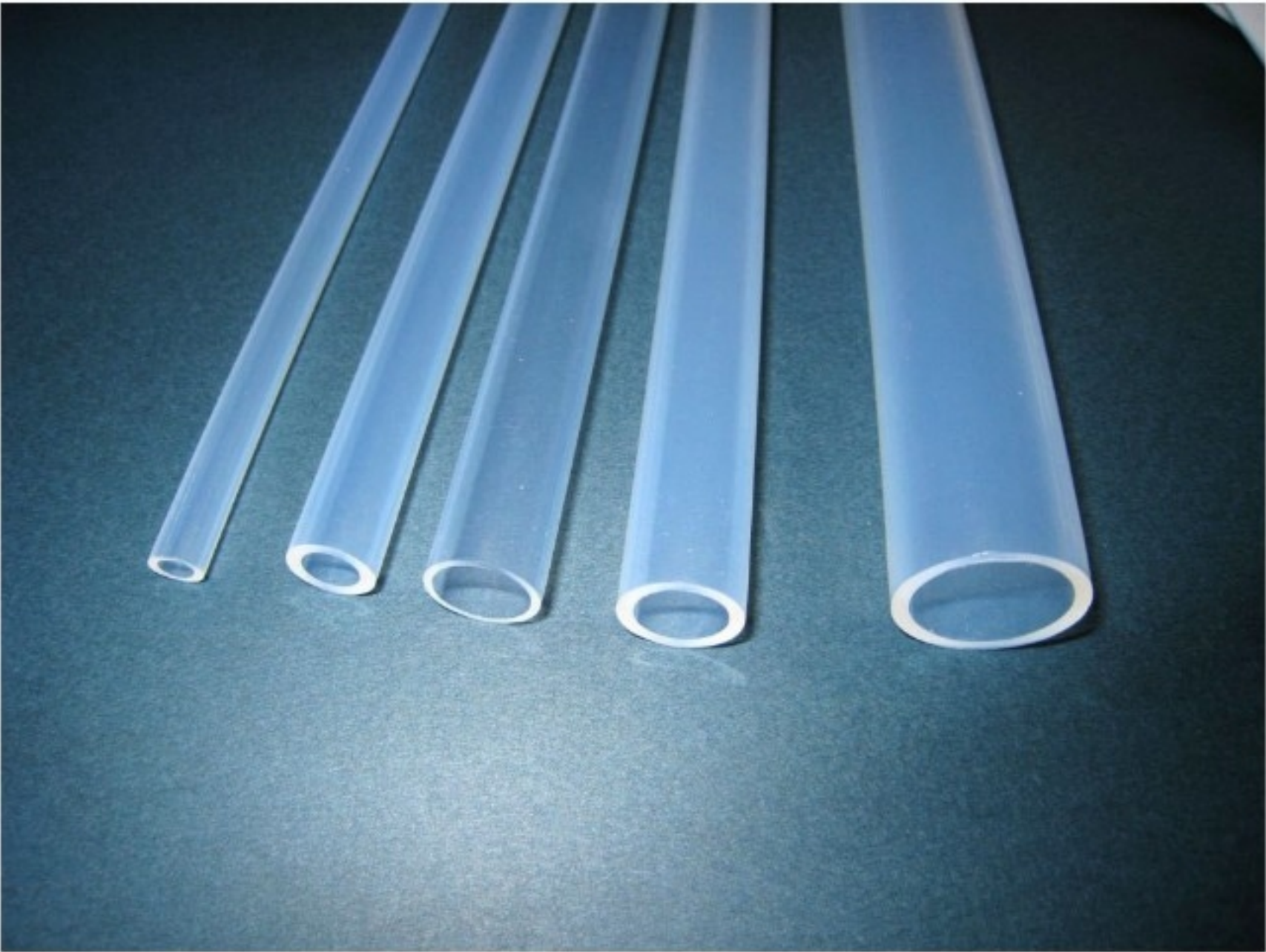
ISO 9001

OEM / ODM

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四氟乙烯与全氟丙基乙烯基醚共聚物（PFA），又称可溶性聚四氟乙烯，完全保持了聚四氟乙烯的优良性能，使用温度-180~260℃，具有良好的机械、电绝缘性能，突出的耐热性和低的摩擦系数、难燃、低烟、耐候性，同时具有良好的热塑性。

可溶性聚四氟乙烯（PFA）管是由四氟乙烯与全氟丙基乙烯基醚共聚物树脂挤出成型而得，主要用作腐蚀性液体和气体的输送管、内衬管、热收缩管、热交换器用管、液面计，各种频率下用作保护电线电缆及电器元件。

Tetrafluoroethylene and perfluorinated propyl vinyl ether copolymer (PFA), also called soluble ptfe, keep the good performance of ptfe, completely use Temperature -180~260℃,with good mechanical and electrical insulating properties,excellent heat resistance and low friction coefficient, flame retardant, low smoke, weatherability, at the same time has good Good thermoplastic.

Soluble ptfe tube is composed of tetrafluoroethylene (PFA)and perfluorinated propyl vinyl ether copolymer resin by extrusion molding, mainly used for corrosive liquids And the gas delivery pipe, the inner tube,heat shrinkable tube,tube for heat exchanger,liquid level meter, all kinds of frequencies used for protection of wire and cable and electrical components.

主要性能 Main performance

- 1、外观：管材内外壁光滑、平整、清洁；颜色呈透明、半透明或乳白色（由壁厚决定）。
Appearance: pipe inside and outside the wall smooth, level off, clean; Color is transparent, translucent, or ivory (determined by the wall thickness).
- 2、物理机械性能
The physical and mechanical properties

指标名称 Index name	单位 Unit	指标值 Parameter values
密度 (Density)	g/cm³	2.12~2.17
抗拉强度 (Tensile strength)	Mpa	≥ 15
断裂伸长率 (Elongation)	%	≥ 250
击穿电压 (Breakdown Voltage)	Kv/mm	≥ 50

产品规格 Product specification

公称外径(mm) Nominal diameter	长度(mm) length	壁厚(mm) Wall thickness
Φ3-Φ25	任意长度 Arbitrary length	0.2~7
Φ25-Φ150	≤6000	0.2~7

● 特殊尺寸可订制 Special size can be customized