

Data Sheet



Product Introduction:

PTFE Tube manufactured by extrusion process with PTFE, PTFE has excellent chemical resistance, heat resistance, weather resistance, It widely used in science & technology field, such as in chemistry, instruments, mechanical industries, communication devices etc.

Characteristics:

1. Operating Temperature: -80°C~260°C
2. excellent anti-corrosion (anti-acid/alkaline/chemiccal/oil)
3. High voltage resistance (260kv/mm)

Color: Natural

Technical Data:

Property	Stantard	Property	Stantard
Reiative density	2.14-2.20	Meiting point(°C)	327
Tensile strength (MPa)	≥25	operating temperature(°C)	-80~260
Tensile strength at yield (MPa)	≥11	Oxygen index(%)	>90
Elongation(%)	≥300	Water absorption(%)	≤0.01
arc resistance	>300	Linear expansion colliction(x 10/°C)21 -100°C	10
Hardness(Shore D)	59-63	Dielectric strength(kv/mm)	≥45
		Volume resistivity(Ω:cm)	1 x 10

Specification:

Typ.	Best-Nr.	AWG	I.D.(mm)	O.D.(mm)(S)	O.D.(mm)(T)	O.D.(mm)(L)	STANDARD PACKAGE (meter/coil)
93014c151	1570686	30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305
93014c152	1570687	22	0.71±0.10	1.31±0.10	1.21±0.10	1.01±0.10	305
93014c153	1570896	18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200
93014c154	1570688	12	2.16±0.25	2.96±0.25	2.76±0.25	2.56±0.25	100
93014c155	1570897	9	3.00±0.25	4.00±0.25	3.80±0.25	3.40±0.25	100
93014c156	1570574	6	4.22±0.25	5.22±0.25	5.02±0.25	4.80±0.25	100
93014c157	1570898	3	5.94±0.30	6.94±0.30	6.74±0.30	6.54±0.25	1.0 meter/pc