

Siechem FEP Insulated Single Core Cable

Application

- ✓ It is mainly used for wiring and control wires for measuring instruments, electronic devices, communication equipment, air craft and various heat resistant and very low temperature devices, hook up wires, co-axial cables etc.
- ✓ These cables are designed for fixed installation in areas of high & low temperatures.

Features

- ✓ Good electrical characteristics.
- ✓ 'Vo' fire rating.
- ✓ Excellent dielectric strength.
- ✓ Good corona inception qualities.
- ✓ Excellent oxygen index
- ✓ Excellent chemical / solvent resistant.

Product Construction

- ✓ Conductor : Annealed Tinned Copper Conductor
- ✓ Insulation : FEP
- ✓ Colour : As Per Customer Order.

Technical Data

- ✓ Tin Plated Copper : +180°C
- ✓ Silver Plated Copper : +205°C
- ✓ Nickel Plated Copper : +300°C
- ✓ Temperature Rating : -100°C up to +205°C
- ✓ Test Voltage : 2000 V(AC)
- ✓ Nominal Voltage : 300/500 V
- ✓ Hardness : 60 shore D
- ✓ Oxygen Index : > 95%
- ✓ Water Absorption : < 0.03%
- ✓ Min. Bending Radius : 10 X Cable O.D
- ✓ Insulation Resistance : 2 GΩ.km at 20°C

FEP CABLE

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	AS 9100	ISO 45001			
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Part Number	Nominal Cross Section No. of Cores x Size	Conductor Construction No. of Strands x Strand Dia	Electrical Resistance at (20°C)	Nom. Thickness of Insulation	Nom. Outer Diameter	Approx Cable Weight
	Nos/sq.mm	Nos/mm	Ω/km	mm	mm	kg/km
69403XX	1C X 0.25	19 X 0.13	79.0	0.20	1.1	4
69406XX	1C X 0.5	19 X 0.18	40.1	0.20	1.4	6
69408XX	1C X 0.75	19 X 0.23	26.7	0.20	1.6	9
69410XX	1C X 1.0	19 X 0.26	20.0	0.25	1.8	12
69413XX	1C X 1.5	19 X 0.32	13.7	0.25	2.1	17
69416XX	1C X 2.5	19 X 0.41	8.21	0.25	2.6	27
69502XX	1C X 0.22	7 X 0.2	90.0	0.20	1.1	3.5
69506XX	1C X 0.5	16 x 0.20	40.1	0.20	1.4	6
69508XX	1C X 0.75	24 X 0.20	26.7	0.25	1.6	9
69510XX	1C X 1.0	32 X 0.20	20.0	0.25	1.9	12
69513XX	1C X 1.5	30 X 0.25	13.7	0.25	2.1	16
69516XX	1C X 2.5	50 X 0.25	8.21	0.25	2.6	26
69519XX	1C X 4.0	56 X 0.30	5.09	0.35	3.3	41
69523XX	1C X 6.0	84 X 0.30	3.39	0.35	3.9	61
69527XX	1C X 10.0	80 X 0.40	1.95	0.40	5.0	95

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr⁶⁺ Free	PBB Free	PBDE Free
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www.siechem.com