

TECHNICAL DATA SHEET

Rubber Cable AS PER IS 9968 (part-1) 1988

Types of Elastomeric Insulation and sheath:

Sr. no	Types of Insulation/ Sheath	Type Reference	Max Rated Temp of Conductor
i)	Insulation for General Service	IE-1	60°C
ii)	Heat Resisting insulation		
	a) suitable for voltage up to 1100V	IE-2	90°C
	b) suitable for voltage above 1100V	IE-3	90°C
	c) Oil resisting & Flame Retardant	IE-4	90°C
iii)	Silicon Rubber Insulation	IE-5	150°C
iv)	Sheath for General Service		
	a) Normal duty	SE-1	60°C
	b) Heavy Duty	SE-2	60°C
v)	Heat Resisting, Oil resisting & Flame-retardant Elastomer sheath		
	a) Normal duty	SE-3	90°C
	b) Heavy Duty	SE-4	90°C
vi)	Silicon Rubber sheath	SE-5	150°C

Dimension of Elastomer Insulated & sheathed Single core, Circular, Twin-core, Three core & Four core flexible cords

No. of Cross Selection Area No x mm ²	Thickness of Ins. (Nom.) mm	Sheathing wall thickness, Nom.				Overall Dia, Max.			
		Single core (mm)	Twin core (mm)	Three core (mm)	Four core	Single core (mm)	Twin core (mm)	Three core (mm)	Four core
0.5	0.6	0.8	0.8	0.8	0.8	5.8	8.3	8.3	9.5
0.75	0.6	0.8	0.8	0.8	0.8	6.0	8.7	9.4	10.0
1.0	0.6	0.9	0.9	0.9	0.9	6.3	9.3	9.7	10.5
1.5	0.8	1.0	1.0	1.0	1.1	7.3	10.9	11.5	12.6
2.5	0.9	1.1	1.1	1.1	1.2	8.0	12.4	13.0	14.3
4.0	1.0	1.2	1.2	1.2	1.3	9.0	14.2	15.0	16.5

We are just a call away to answer all your queries!

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