

## Siechem Multicore Stranded Copper Conductor PVC Insulated Extruded Inner Sheathed Armoured and Round Wire Armoured PVC Overall Sheathed Cable Conforming to IS : 1554 (Part 1) - 1988.

### Application

- ✓ Transmission and distribution of Power Industrial units
- ✓ Commercial and residential places
- ✓ Indoor and outdoor uses
- ✓ Cable ducts, cable trays conduits Direct burial and underground burial where mechanical damage risk for cables.

### Features





- ✓ Enhanced mechanical, electrical, thermal and weathering properties.
- ✓ Soldering iron resistant
- ✓ Resistance to corona effect.
- ✓ Easy jointing & termination
- ✓ Better resistance to most chemicals & acids
- ✓ Low direct electric losses.
- ✓ High current carrying capacity.

### Product Construction

- ✓ Conductor : Annealed Plain Stranded Copper Conductor Complying with IS 8130-2013
- ✓ Insulation : PVC Type A Conforming to IS 5831-1984
- ✓ Innersheath : PVC ST1 (Optional - Wrapped with Tape)
- ✓ Armour : GI Wire
- ✓ Jacket : PVC ST1 Conforming to IS 5831-1984 (Optional - FR & FRLS)

### Technical Data

- ✓ Operating Temperature : +70°C  
Optional : 85°C
- ✓ Short Circuit Temperature : 160°C
- ✓ Bending Radius (min) : 12 x Cable dia
- ✓ Rated Voltage : 1100 V
- ✓ Test Voltage : 3 kV for 5 mins.
- ✓ Specification : IS 1554

IS 1554 Pt.1  C/M/L-6799006	<b>ISO 9001</b>	<b>ISO 14001</b>	<b>ISO/TS 16949</b>	<b>OHSAS 18001</b>			
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Part Number	Area	No. of Cores	Thickness of Insulation (Nom.)	Thickness of Innersheath (Nom.)	Round Wire Armoured				Current Rating		Standard Length
					Nominal dimensions of Armour Wire	Minimum thickness of Outer Sheath	Approx. Overall Dia. of Cable	Approx. Weight of Cable	In Air	In Ground	
	Sq.mm	Nos	mm	mm	mm	mm	mm	Kg/km	Amps	Amps	Mtrs.
149ER1302	1.5	2	0.8	0.3	1.4	1.24	13.0	350	20	23	1000
149ER1303	1.5	3	0.8	0.3	1.4	1.24	13.5	395	17	21	1000
149ER1304	1.5	4	0.8	0.3	1.4	1.24	14.0	450	17	21	1000
149ER1305	1.5	5	0.8	0.3	1.4	1.24	15.0	505	17	21	1000
149ER1306	1.5	6	0.8	0.3	1.4	1.24	16.0	565	13	15	1000
149ER1307	1.5	7	0.8	0.3	1.4	1.24	16.0	585	13	14	1000
149ER1308	1.5	8	0.8	0.3	1.4	1.24	17.5	675	12	14	1000
149ER1309	1.5	9	0.8	0.3	1.4	1.24	18.5	735	12	14	1000
149ER1310	1.5	10	0.8	0.3	1.4	1.24	19.5	800	11	13	1000
149ER1312	1.5	12	0.8	0.3	1.6	1.24	20.5	915	10	12	1000
149ER1314	1.5	14	0.8	0.3	1.6	1.4	21.5	1000	10	11	1000
149ER1316	1.5	16	0.8	0.3	1.6	1.4	22.5	1090	10	11	1000
149ER1319	1.5	19	0.8	0.3	1.6	1.4	23.5	1205	9	10	1000
149ER1321	1.5	21	0.8	0.3	1.6	1.4	24.5	1295	9	9	500
149ER1324	1.5	24	0.8	0.3	1.6	1.4	26.5	1470	8	9	500
149ER1327	1.5	27	0.8	0.3	1.6	1.4	27.0	1560	8	9	500
149ER1330	1.5	30	0.8	0.3	1.6	1.4	28.0	1660	8	9	500
149ER1333	1.5	33	0.8	0.3	1.6	1.56	29.5	1790	7	8	500
149ER1337	1.5	37	0.8	0.3	1.6	1.56	30.5	1920	7	8	500
149ER1344	1.5	44	0.8	0.4	2.0	1.56	34.5	2460	6	7	500
149ER1352	1.5	52	0.8	0.4	2.0	1.56	36.0	2730	6	7	500
149ER1361	1.5	61	0.8	0.4	2.0	1.56	38.0	3040	6	6	500

