

Siechem Multicore Aluminium Stranded Conductor PVC Insulated Extruded or Wrapped 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 : Aluminium Stranded 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 CM/L-6799006	ISO 9001	ISO 14001	ISO/TS 16949	OHSAS 18001	REACH COMPLIANT	RoHS COMPLIANT	CE
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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 Strip	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.
163ER1602	2.5	2	0.9	0.3	1.4	1.24	14.5	420	27	32	1000
163ER1603	2.5	3	0.9	0.3	1.4	1.24	15.0	490	24	27	1000
163ER1604	2.5	4	0.9	0.3	1.4	1.24	15.5	560	24	27	1000
163ER1605	2.5	5	0.9	0.3	1.4	1.24	17.0	635	24	27	1000
163ER1606	2.5	6	0.9	0.3	1.4	1.24	18.0	725	18	21	1000
163ER1607	2.5	7	0.9	0.3	1.4	1.24	18.0	760	17	20	1000
163ER1608	2.5	8	0.9	0.3	1.4	1.4	20.0	875	17	20	1000
163ER1609	2.5	9	0.9	0.3	1.6	1.4	22.0	1040	16	19	1000
163ER1610	2.5	10	0.9	0.3	1.6	1.4	22.5	1100	15	18	1000
163ER1612	2.5	12	0.9	0.3	1.6	1.4	23.5	1210	14	17	1000
163ER1614	2.5	14	0.9	0.3	1.6	1.4	24.5	1315	13	16	1000
163ER1616	2.5	16	0.9	0.3	1.6	1.4	25.5	1440	12	15	1000
163ER1619	2.5	19	0.9	0.3	1.6	1.4	27	1590	12	14	1000
163ER1621	2.5	21	0.9	0.3	1.6	1.4	28	1730	12	14	500
163ER1624	2.5	24	0.9	0.3	1.6	1.56	31	1960	11	13	500
163ER1627	2.5	27	0.9	0.3	1.6	1.56	31.5	2100	10	12	500
163ER1630	2.5	30	0.9	0.3	1.6	1.56	33.5	2240	10	12	500
163ER1633	2.5	33	0.9	0.4	2.0	1.56	35	2670	10	12	500
163ER1637	2.5	37	0.9	0.4	2.0	1.56	36	2880	9	11	500
163ER1644	2.5	44	0.9	0.4	2.5	1.56	41	3670	9	10	500
163ER1652	2.5	52	0.9	0.4	2.5	1.56	42.5	4050	8	10	500
163ER1661	2.5	61	0.9	0.4	2.5	1.72	45	4570	8	9	500


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