

Siechem Multicore Aluminium Stranded Conductor PVC Insulated Extruded or Wrapped Inner Sheathed Armoured and Flat Strip 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 Strip
- ✓ 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	ISO 9001	ISO 14001	ISO/TS 16949	OHSAS 18001			
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Part Number	Area	No. of Cores	Thickness of Insulation (Nom.)	Thickness of Innersheath (Nom.)	Flat Strip 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.
163EF1608	2.5	8	0.9	0.3	4 x 0.80	1.4	19.0	750	17	20	1000
163EF1609	2.5	9	0.9	0.3	4 x 0.80	1.4	20.5	825	16	19	1000
163EF1610	2.5	10	0.9	0.3	4 x 0.80	1.4	21.0	895	15	18	1000
163EF1612	2.5	12	0.9	0.3	4 x 0.80	1.4	21.5	1000	14	17	1000
163EF1614	2.5	14	0.9	0.3	4 x 0.80	1.4	23.0	1070	13	16	1000
163EF1616	2.5	16	0.9	0.3	4 x 0.80	1.4	24.0	1190	12	15	1000
163EF1619	2.5	19	0.9	0.3	4 x 0.80	1.4	25.0	1340	12	14	1000
163EF1621	2.5	21	0.9	0.3	4 x 0.80	1.4	26.5	1470	12	14	500
163EF1624	2.5	24	0.9	0.3	4 x 0.80	1.4	29.5	1660	11	13	500
163EF1627	2.5	27	0.9	0.3	4 x 0.80	1.4	30	1800	10	12	500
163EF1630	2.5	30	0.9	0.3	4 x 0.80	1.56	31	1950	10	12	500
163EF1633	2.5	33	0.9	0.4	4 x 0.80	1.56	32.5	2110	10	12	500
163EF1637	2.5	37	0.9	0.4	4 x 0.80	1.56	33.5	2300	9	11	500
163EF1644	2.5	44	0.9	0.4	4 x 0.80	1.56	37.5	2680	9	10	500
163EF1652	2.5	52	0.9	0.4	4 x 0.80	1.56	39.0	3010	8	10	500
163EF1661	2.5	61	0.9	0.4	4 x 0.80	1.72	42.0	3460	8	9	500

