

Siechem Multicore Aluminium Solid 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 Solid 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

							
---	---	---	--	---	---	---	---

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.
162ER1602	2.5	2	0.9	0.3	1.4	1.24	14.0	405	27	32	1000
162ER1603	2.5	3	0.9	0.3	1.4	1.24	14.5	475	24	27	1000
162ER1604	2.5	4	0.9	0.3	1.4	1.24	15.0	545	24	27	1000
162ER1605	2.5	5	0.9	0.3	1.4	1.24	16.5	615	24	27	1000
162ER1606	2.5	6	0.9	0.3	1.4	1.24	17.5	700	18	21	1000
162ER1607	2.5	7	0.9	0.3	1.4	1.24	17.5	735	17	20	1000
162ER1608	2.5	8	0.9	0.3	1.4	1.4	19.5	845	17	20	1000
162ER1609	2.5	9	0.9	0.3	1.6	1.4	21.5	1000	16	19	1000
162ER1610	2.5	10	0.9	0.3	1.6	1.4	22.0	1080	15	18	1000
162ER1612	2.5	12	0.9	0.3	1.6	1.4	22.5	1175	14	17	1000
162ER1614	2.5	14	0.9	0.3	1.6	1.4	23.5	1290	13	16	1000
162ER1616	2.5	16	0.9	0.3	1.6	1.4	25.0	1410	12	15	1000
162ER1619	2.5	19	0.9	0.3	1.6	1.4	26.0	1555	12	14	1000
162ER1621	2.5	21	0.9	0.3	1.6	1.4	27.0	1690	12	14	500
162ER1624	2.5	24	0.9	0.3	1.6	1.56	30.0	1910	11	13	500
162ER1627	2.5	27	0.9	0.3	1.6	1.56	32.5	2050	10	12	500
162ER1630	2.5	30	0.9	0.3	1.6	1.56	33.0	2190	10	12	500
162ER1633	2.5	33	0.9	0.4	2.0	1.56	33.0	2590	10	12	500
162ER1637	2.5	37	0.9	0.4	2.0	1.56	34.5	2780	9	11	500
162ER1644	2.5	44	0.9	0.4	2.5	1.56	39.5	3540	9	10	500
162ER1652	2.5	52	0.9	0.4	2.5	1.56	41.0	3955	8	10	500
162ER1661	2.5	61	0.9	0.4	2.5	1.72	43.5	4450	8	9	500

