



Siechem Single Core ATC Flexible Conductor, EBXL - EPDM/EPR Insulated, XLPO Sheathed Marine Cable as per IEC 60092-353

Application

- Power, Lightning, Control & Communication and Instrumentation circuits in surface ships and submarines.
- Used in fuel and lubrication oils, hydraulic fluids and water surfaces.
- Ship systems & equipments and weapon systems & equipments.

Product Construction

- Conductor : Annealed Tinned copper flexible Class-5
- Insulation : EBXL - EPR/EPDM
- Outer Sheath : SHF2 (XLPO)

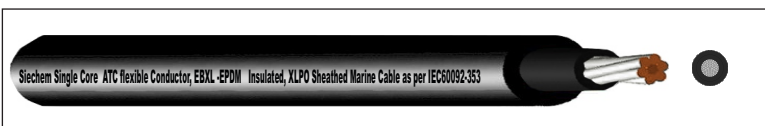
Technical Data

- Temperature Range : - 30°C to +125°C
- Rated Voltage (U₀/U) : 0.6/1kV
- Specification : IEC 60092-353

Features

- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact
- Halogen free
- Super-flexible at 4/0 AWG and larger
- Meets IEEE standards for 600V / IEC standards for 0.6/1kV

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	No. of Cores and mm ² Per Conductor	No. of Strands Nom.	Strand Diameter mm (Max.)	Current Rating mm (Min.)	Insulation Thickness mm (Nom.)	Outersheath Thickness mm (Nom.)	Conductor Resistance at 20°C	Outer Diameter in approx.(mm)	Total Weight Kg/Km approx.
905130404	1 x 1.5	30	0.26	13.3	1.0	1.0	13.3	6.0	55
905160404	1 x 2.5	50	0.26	7.98	1.0	1.0	7.98	6.5	70
905190404	1 x 4	56	0.31	4.95	1.0	1.0	4.95	7.0	90
905230404	1 x 6	84	0.31	3.30	1.0	1.0	3.30	7.5	115
905270404	1 x 10	80	0.41	1.91	1.0	1.1	1.91	9.0	160
905280404	1x16	126	0.41	1.21	1.0	1.1	1.21	10.0	230
905300404	1x25	196	0.41	0.780	1.2	1.2	0.780	11.5	339
905320404	1x35	276	0.41	1.554	1.2	1.2	0.554	13.0	445
905340404	1x50	396	0.41	0.386	1.4	1.3	0.386	15.0	615
905370404	1 x 70	360	0.51	0.272	1.4	1.4	0.272	17.0	220
905380404	1 x 95	475	0.51	0.206	1.6	1.4	0.206	19.0	1095
905410404	1x120	608	0.51	0.161	1.8	1.5	0.161	21.5	1380
905420404	1 x 150	756	0.51	0.129	1.8	1.6	0.129	23.5	1680
905440404	1 x 185	925	0.51	0.0801	2.0	1.7	0.0801	25.5	2055
905460404	1 x 240	1221	0.51	0.0641	2.2	1.8	0.0641	29.0	2630
905480404	1 x 300	1525	0.51	0.1484	2.4	1.9	0.0486	32.0	3270

