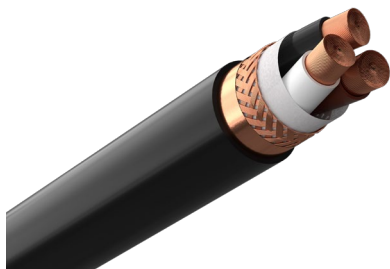


TEXILine Power EMC 0,6/1kV (Lapped inner covering)



Applications:

DNV-approved shipboard 1kV power cable, EMC screened and suitable for fixed installations both indoors and outdoors. TEXILine Power EMC has a braided copper screen with a lapping helical Cu foil over the braid providing 100% coverage in terms of EMC protection. TEXILine Power EMC has flexible copper conductors in accordance with IEC 60228 Class 5 to make installation and connection easy. Suitable for narrow spaces and use under the most challenging conditions in marine and offshore environments.

Properties:

Temperature range -30°C to +90°C
Voltage Rating Uo/U 0,6/1kV

Standards:

Conductor IEC 60228-5
Construction IEC 60092-350
Flame retardant IEC 60332-1-2
Flame retardant IEC 60332-3-22
Halogen free IEC 60754-1, -2
Smoke density IEC 61034-1, -2
Test voltage 3,5kV
RoHS Directive Yes
Approval TAE00002X9

Construction

Conductor	Flexible copper conductor class 5
Insulation	XLPE
Single core identification	Black or customer choice
Multi core identification	Brown, Black, White, Blue, Yellow/Green
Filler (if two core or more)	SHF1 compound extruded fillers
Inner sheath	Lapped helical tape (extruded Halogen Free inner sheath on request)
Screen	Cu wire braid and Cu/PET foil
Outer sheath	Halogen free, flame retardant SHF1 compound
Outer sheath colour	Black or customer choice
Marking	TEXILine Power EMC AMOKABEL RXZ-HF -size-mm ² IEC 60092-353 - IEC 60332-3-22-DNVGL 0,6/1kV -YY/WW + meter marking
Minimum bending radius fixed installation	6xOD

Type Code	Nom. outer diameter	Approx. Weight	Current rating, ambient temp 45°C	GTIN EAN Code	EL Number
	[mm]	[kg/km]	[A]		
TEXILine Power EMC 1x4	6,7	90	40	7340060502278	1053828
TEXILine Power EMC 1x6	7,3	116	52	7340060502285	1053829
TEXILine Power EMC 1x10	8,3	163	72	7340060502292	1053830
TEXILine Power EMC 1x16	9,4	231	96	7340060502308	1053831
TEXILine Power EMC 1x25	11,1	338	127	7340060502315	1053832
TEXILine Power EMC 1x35	12,5	447	157	7340060502322	1053833
TEXILine Power EMC 1x50	14,5	638	196	7340060540539	1053834
TEXILine Power EMC 1x70	17,4	873	242	7340060502346	1053835
TEXILine Power EMC 1x95	18,6	1119	293	7340060502353	1053836
TEXILine Power EMC 1x120	21,1	1398	339	7340060502360	1053837
TEXILine Power EMC 1x150	23,4	1723	389	7340060502377	1053838
TEXILine Power EMC 1x185	25,5	2092	444	7340060502384	1053839
TEXILine Power EMC 1x240	29,1	2677	522	7340060502391	1053840
TEXILine Power EMC 1x300	32,1	3292	601	7340060502407	1053841



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Type Code	Nom. outer diameter	Approx. Weight	Current rating ambient temp 45°C	GTIN EAN Code	EL Number
	[mm]	[kg/km]	[A]		
TEXILine Power EMC 2x1,5	8,7	114	20	7340060502001	1015211
TEXILine Power EMC 2x2,5	9,8	150	26	7340060540799	1015212
TEXILine Power EMC 2x4	10,9	195	34	7340060502421	1015213
TEXILine Power EMC 2x6	12,6	282	44	7340060502414	1015214
TEXILine Power EMC 2x10	14,6	396	61	7340060502438	1015215
TEXILine Power EMC 2x16	16,7	554	82	7340060502445	1015216
TEXILine Power EMC 2x25	20,2	812	108	7340060502452	1015217
TEXILine Power EMC 2x35	23,8	1112	133	7340060540805	1015218
TEXILine Power EMC 2x50	26,9	1486	167	7340060502476	1015219
TEXILine Power EMC 2x70	32,7	2064	206	7340060502483	1015220
TEXILine Power EMC 2x95	35,5	2691	249	7340060540812	1015221
TEXILine Power EMC 3x1,5	9,2	136	16	7340060502018	1015222
TEXILine Power EMC 3x2,5	10,4	182	21	7340060502155	1015223
TEXILine Power EMC 3x4	11,5	242	28	7340060502506	1015224
TEXILine Power EMC 3x6	12,9	321	36	7340060502513	1015225
TEXILine Power EMC 3x10	15,3	502	50	7340060502520	1015226
TEXILine Power EMC 3x16	17,8	717	67	7340060502537	1015227
TEXILine Power EMC 3x25	21,5	1064	89	7340060540041	1015228
TEXILine Power EMC 3x35	25,4	1459	110	7340060540553	1015229
TEXILine Power EMC 3x50	28,6	1974	137	7340060502988	1015230
TEXILine Power EMC 3x70	34,9	2741	169	7340060540560	1015231
TEXILine Power EMC 3x95	37,9	3601	205	7340060540577	1015232
TEXILine Power EMC 3x120	43,4	4529	237	7340060540201	1015233
TEXILine Power EMC 3x150	48,7	5636	272	7340060540072	1015234
TEXILine Power EMC 3x185	53,2	6840	311	7340060540584	1015235
TEXILine Power EMC 3x240	61,0	8786	365	7340060540591	1015236
TEXILine Power EMC 3G1,5	9,2	136	16	7340060541598	1015281
TEXILine Power EMC 3G2,5	10,4	182	21	7340060502162	1015282
TEXILine Power EMC 3G4	11,5	242	28	7340060502919	1015283
TEXILine Power EMC 3G6	12,9	321	36	7340060502926	1015284
TEXILine Power EMC 3G10	15,3	502	50	7340060541604	1015285
TEXILine Power EMC 3G16	17,8	717	67	7340060541611	1015286
TEXILine Power EMC 3G25	21,5	1064	89	7340060541628	1015287
TEXILine Power EMC 3G35	25,4	1459	110	7340060541635	1015288
TEXILine Power EMC 3G50	28,6	1974	137	7340060541642	1015289
TEXILine Power EMC 3G70	34,9	2741	169	7340060541659	1015290
TEXILine Power EMC 3G95	37,9	3601	205	7340060541666	1015291
TEXILine Power EMC 3G120	43,4	4529	237	7340060541673	1015292
TEXILine Power EMC 3G150	48,7	5636	272	7340060541680	1015293
TEXILine Power EMC 3G185	53,2	6840	311	7340060541697	1015294
TEXILine Power EMC 3G240	61,0	8786	365	7340060541703	1015295

05.03.2025



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Type Code	Nom. outer diameter	Approx. Weight	Current rating ambient temp 45°C	GTIN EAN Code	EL Number
	[mm]	[kg/km]	[A]		
TEXILine Power EMC 4G1,5	10,1	166	16	7340060502032	1015237
TEXILine Power EMC 4G2,5	11,5	225	21	7340060502902	1015238
TEXILine Power EMC 4G4	12,8	303	28	7340060502643	1015239
TEXILine Power EMC 4G6	14,8	437	36	7340060502650	1015240
TEXILine Power EMC 4G10	17,2	635	50	7340060502667	1015241
TEXILine Power EMC 4G16	19,8	915	67	7340060502674	1015242
TEXILine Power EMC 4G25	24,1	1367	89	7340060502681	1015243
TEXILine Power EMC 4G35	28,4	1875	110	7340060502698	1015244
TEXILine Power EMC 4G50	32,1	2549	137	7340060502704	1015245
TEXILine Power EMC 4G70	39,6	3642	169	7340060502711	1015246
TEXILine Power EMC 4G95	42,6	4499	205	7340060540607	1015247
TEXILine Power EMC 5G1,5	10,9	190	16	7340060502049	1015248
TEXILine Power EMC 5G2,5	12,4	259	21	7340060502186	1015249
TEXILine Power EMC 5G4	14,3	384	28	7340060502735	1015250
TEXILine Power EMC 5G6	16,0	510	36	7340060502742	1015251
TEXILine Power EMC 5G10	18,6	747	50	7340060502759	1015252
TEXILine Power EMC 5G16	21,6	1084	67	7340060502766	1015253
TEXILine Power EMC 5G25	26,2	1625	89	7340060502773	1015254
TEXILine Power EMC 6x1,5	11,9	224		7340060541543	1015255
TEXILine Power EMC 7x1,5	11,9	233		7340060502940	1015256
TEXILine Power EMC 10x1,5	15,4	361		7340060502063	1015257
TEXILine Power EMC 12x1,5	15,9	405		7340060540034	1015258
TEXILine Power EMC 14x1,5	16,7	454		7340060502070	1015259
TEXILine Power EMC 16x1,5	17,6	506		7340060502087	1015260
TEXILine Power EMC 19x1,5	18,6	576		7340060502094	1015261
TEXILine Power EMC 24x1,5	21,7	731		7340060502100	1015262
TEXILine Power EMC 25x1,5	21,7	739		7340060541550	1015263
TEXILine Power EMC 27x1,5	22,2	784		7340060502117	1015264
TEXILine Power EMC 37x1,5	24,8	1016		7340060502957	1015265
TEXILine Power EMC 7x2,5	13,9	353		7340060502193	1015266
TEXILine Power EMC 10x2,5	17,6	496		7340060502209	1015267
TEXILine Power EMC 14x2,5	19,1	634		7340060502216	1015268
TEXILine Power EMC 16x2,5	20,2	709		7340060502223	1015269
TEXILine Power EMC 19x2,5	21,3	814		7340060502230	1015270
TEXILine Power EMC 24x2,5	24,9	1022		7340060502247	1015271
TEXILine Power EMC 27x2,5	25,5	1118		7340060502254	1015272
TEXILine Power EMC 37x2,5	28,6	1463		7340060502261	1015273