

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



Applications:

DNV-approved shipboard flexible power cable 1kV for fixed installations indoors and outdoors. TEXILine Power 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	TAE00002XA

Construction

Conductor	Flexible copper conductor class 5
Insulation	XLPE
Multi core identification	Brown, Black, White, Blue, Yellow/Green
Filler (if two core or more)	Lapping helical tape (extruded on request)
Outer sheath	Halogen free, flame retardant SHF1 compound
Outer sheath colour	Black or customer choice
Marking	TEXILine Power 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 1x4	5,8	65	40	7340060516275	1015296
TEXILine Power 1x6	6,5	87	52	7340060516282	1015297
TEXILine Power 1x10	7,4	130	72	7340060516299	1015298
TEXILine Power 1x16	8,5	192	96	7340060516305	1015299
TEXILine Power 1x25	10,2	291	127	7340060516312	1015300
TEXILine Power 1x35	11,6	393	157	7340060516329	1015279
TEXILine Power 1x50	13,2	544	196	7340060516336	1015301
TEXILine Power 1x70	16,1	758	242	7340060516343	1015302
TEXILine Power 1x95	17,3	995	293	7340060516350	1015274
TEXILine Power 1x120	19,9	1255	339	7340060516367	1015275
TEXILine Power 1x150	22,1	1564	389	7340060516374	1015276
TEXILine Power 1x185	24,2	1917	444	7340060516930	1015277
TEXILine Power 1x240	27,8	2474	522	7340060516404	1015303
TEXILine Power 1x300	30,8	3068	601	7340060517104	1015304

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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 2x1,5	7,9	79	20	7340060517074	1015305
TEXILine Power 2x2,5	8,9	109	26	7340060516145	1015306
TEXILine Power 2x4	10,0	149	34	7340060516411	1015307
TEXILine Power 2x6	11,3	202	44	7340060516428	1015308
TEXILine Power 2x10	13,3	302	61	7340060516435	1015309
TEXILine Power 2x16	15,4	444	82	7340060516442	1015310
TEXILine Power 2x25	18,9	677	108	7340060516459	1015311
TEXILine Power 2x35	22,6	949	133	7340060516466	1015312
TEXILine Power 2x50	25,6	1300	167	7340060516473	1015313
TEXILine Power 2x70	31,4	1835	206	7340060516480	1015314
TEXILine Power 2x95	33,8	2361	249	7340060516497	1015315
TEXILine Power 3x1,5	8,3	98	16	7340060516015	1015316
TEXILine Power 3x2,5	9,5	138	21	7340060517098	1015317
TEXILine Power 3x4	10,7	193	28	7340060516503	1015318
TEXILine Power 3x6	12,0	265	36	7340060516510	1015319
TEXILine Power 3x10	14,1	402	50	7340060516527	1015320
TEXILine Power 3x16	16,5	599	67	7340060516534	1015321
TEXILine Power 3x25	20,2	919	89	7340060516541	1015322
TEXILine Power 3x35	24,1	1285	110	7340060516558	1015323
TEXILine Power 3x50	27,3	1775	137	7340060517395	1015324
TEXILine Power 3x70	33,6	2496	169	7340060517401	1015325
TEXILine Power 3x95	36,1	3248	205	7340060517418	1015326
TEXILine Power 3x120	41,7	4121	237	7340060517425	1015327
TEXILine Power 3x150	47,0	5175	272	7340060516602	1015328
TEXILine Power 3x185	51,4	6336	311	7340060516619	1015329
TEXILine Power 3x240	59,3	8204	365	7340060516626	1015330
TEXILine Power 3G1,5	8,3	98	16	7340060516022	1015331
TEXILine Power 3G2,5	9,5	138	21	7340060516169	1015332
TEXILine Power 3G4	10,7	193	28	7340060516770	1015333
TEXILine Power 3G6	12,0	265	36	7340060516787	1015334
TEXILine Power 3G10	14,1	402	50	7340060517432	1015335
TEXILine Power 3G16	16,5	599	67	7340060517449	1015336
TEXILine Power 3G25	20,2	919	89	7340060517456	1015337
TEXILine Power 3G35	24,1	1285	110	7340060517463	1015338
TEXILine Power 3G50	27,3	1775	137	7340060517470	1015339
TEXILine Power 3G70	33,6	2496	169	7340060517487	1015340
TEXILine Power 3G95	36,1	3248	205	7340060517494	1015341
TEXILine Power 3G120	41,7	4121	237	7340060517500	1015342
TEXILine Power 3G150	47,0	5175	272	7340060517517	1015343
TEXILine Power 3G185	51,4	6336	311	7340060517524	1015344
TEXILine Power 3G240	59,3	8204	365	7340060517531	1015345

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Type Code	Nom. outer [mm]	Approx. Weight [kg/km]	Current rating ambient temp 45°C [A]	GTIN EAN Code	EL Number
TEXILine Power 4G1,5	9,3	124	16	7340060517548	1015346
TEXILine Power 4G2,5	10,6	176	21	7340060516176	1015347
TEXILine Power 4G4	11,9	247	28	7340060516633	1030835
TEXILine Power 4G6	13,5	341	36	7340060517555	1030836
TEXILine Power 4G10	15,9	522	50	7340060517562	1030837
TEXILine Power 4G16	18,5	782	67	7340060517579	1030838
TEXILine Power 4G25	22,8	1202	89	7340060517586	1030839
TEXILine Power 4G35	27,1	1678	110	7340060517593	1030840
TEXILine Power 4G50	30,8	2325	137	7340060517609	1030841
TEXILine Power 4G70	37,9	3272	169	7340060517616	1030842
TEXILine Power 4G95	40,8	4100	205	7340060517623	1030843
TEXILine Power 5G1,5	10,1	144	16	7340060516046	1030844
TEXILine Power 5G2,5	11,5	206	21	7340060516183	1030845
TEXILine Power 5G4	13,0	292	28	7340060516725	1030846
TEXILine Power 5G6	14,7	405	36	7340060516732	1030847
TEXILine Power 5G10	17,3	623	50	7340060516749	1030848
TEXILine Power 5G16	20,3	938	67	7340060516756	1030849
TEXILine Power 5G25	24,9	1445	89	7340060516763	1030850
TEXILine Power 6x1,5	11,0	174		7340060517647	1030851
TEXILine Power 7x1,5	11,0	182		7340060516053	1030852
TEXILine Power 10x1,5	14,1	260		7340060516060	1030853
TEXILine Power 12x1,5	14,6	301		7340060517654	1030854
TEXILine Power 14x1,5	15,4	344		7340060516077	1030855
TEXILine Power 16x1,5	16,3	389		7340060516084	1030856
TEXILine Power 19x1,5	17,3	452		7340060516091	1030857
TEXILine Power 24x1,5	20,4	584		7340060516107	1030858
TEXILine Power 25x1,5	20,4	592		7340060517661	1030859
TEXILine Power 27x1,5	20,9	634		7340060516114	1030860
TEXILine Power 37x1,5	23,5	846		7340060516121	1030861
TEXILine Power 7x2,5	11,0	264		7340060516190	1030862
TEXILine Power 10x2,5	12,6	379		7340060516206	1030863
TEXILine Power 14x2,5	17,8	507		7340060516213	1030864
TEXILine Power 16x2,5	18,9	574		7340060516220	1030865
TEXILine Power 19x2,5	20,0	670		7340060516237	1030866
TEXILine Power 24x2,5	23,6	851		7340060516244	1030867
TEXILine Power 27x2,5	24,2	943		7340060516251	1030868
TEXILine Power 37x2,5	27,3	1264		7340060516268	1030869

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