



SEVI KABEL
CAVI SPECIALI

**MAXIMUM PERMISSIBLE CURRENT
IN PERMANENT MODE**

SILICOUL® STYLE 3661 - 1.1 KV

Ambient temperature (°C)	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²
0	53	71	96	124	168	224	298	369	464	583	697	814	932	1070	1273	1474	1773
10	52	69	92	120	163	216	288	357	449	563	674	788	901	1035	1231	1426	1715
20	50	66	89	115	157	209	278	344	433	543	650	760	870	999	1189	1376	1655
30	48	64	86	111	151	201	268	331	417	523	626	732	838	962	1145	1326	1594
40	46	61	82	107	145	193	257	318	400	502	601	703	805	924	1100	1273	1531
50	44	59	79	102	139	184	246	304	383	481	575	673	770	884	1053	1219	1465
60	42	56	75	97	132	176	234	290	365	458	549	642	735	844	1005	1164	1398
70	40	53	71	92	126	167	223	275	347	435	521	610	699	802	956	1106	1328
80	38	50	67	87	119	158	210	260	328	411	492	576	661	758	904	1046	1256
90	35	47	63	82	111	148	197	244	308	386	463	542	621	712	850	983	1180
100	33	44	59	76	104	138	184	228	287	360	431	505	579	665	793	917	1101
110	30	41	54	71	96	127	170	210	265	333	399	467	536	614	733	848	1018
120	28	37	50	64	87	116	155	192	242	303	364	426	489	561	670	775	929
130	25	33	44	58	78	104	139	172	217	272	326	382	439	504	602	696	834
140	22	29	39	50	68	91	121	150	190	238	285	335	385	441	527	610	731
150	18	24	33	42	58	77	102	127	160	200	240	282	324	372	445	514	616
160	14	19	26	33	45	60	80	99	125	157	188	221	255	292	350	404	483
170	9	13	17	22	30	39	53	65	83	103	124	146	168	193	231	267	319

- All values in the tables are expressed in Amperes (A).
- Calculations are based on methods issued from IEC 60287 standard.
- 1 single cable in free air without heat source in it surrounding environment.
- DC supply or AC supply (F ≤ 60 Hz).
- Maximum temperature of core: +180°C.

The information provided in this document is indicative. Laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies.
In no way we shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.
For an optimum use of our cables, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.



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