



SEVI KABEL
CAVI SPECIALI

**MAXIMUM PERMISSIBLE CURRENT
IN PERMANENT MODE**

SILICOUL® STYLE 3662 - 4.2 KV

| | | | | | | | | | | | | | | | | | |
|------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 0 | 55 | 73 | 97 | 125 | 169 | 223 | 297 | 367 | 461 | 578 | 686 | 804 | 922 | 1064 | 1268 | 1471 | 1753 |
| 10 | 53 | 71 | 94 | 121 | 164 | 216 | 287 | 355 | 446 | 559 | 663 | 778 | 892 | 1029 | 1227 | 1423 | 1696 |
| 20 | 51 | 68 | 91 | 117 | 158 | 209 | 277 | 342 | 430 | 539 | 640 | 751 | 861 | 993 | 1184 | 1374 | 1637 |
| 30 | 49 | 66 | 88 | 112 | 152 | 201 | 267 | 329 | 414 | 519 | 617 | 723 | 829 | 957 | 1141 | 1323 | 1577 |
| 40 | 47 | 63 | 84 | 108 | 146 | 193 | 256 | 316 | 398 | 499 | 593 | 695 | 797 | 919 | 1096 | 1271 | 1515 |
| 50 | 45 | 60 | 81 | 103 | 140 | 185 | 245 | 303 | 381 | 477 | 567 | 665 | 763 | 880 | 1050 | 1217 | 1451 |
| 60 | 43 | 58 | 77 | 99 | 133 | 176 | 234 | 289 | 364 | 456 | 542 | 635 | 729 | 840 | 1002 | 1162 | 1384 |
| 70 | 41 | 55 | 73 | 94 | 127 | 168 | 222 | 275 | 346 | 433 | 515 | 604 | 693 | 798 | 952 | 1104 | 1316 |
| 80 | 39 | 52 | 69 | 89 | 120 | 158 | 210 | 260 | 327 | 409 | 487 | 571 | 655 | 755 | 901 | 1044 | 1244 |
| 90 | 37 | 49 | 65 | 83 | 113 | 149 | 198 | 244 | 307 | 385 | 458 | 537 | 616 | 710 | 847 | 982 | 1170 |
| 100 | 34 | 46 | 61 | 78 | 105 | 139 | 184 | 228 | 287 | 359 | 427 | 501 | 575 | 662 | 791 | 916 | 1092 |
| 110 | 32 | 42 | 56 | 72 | 97 | 128 | 170 | 210 | 265 | 332 | 395 | 463 | 532 | 612 | 731 | 847 | 1010 |
| 120 | 29 | 39 | 51 | 66 | 89 | 117 | 156 | 192 | 242 | 303 | 361 | 423 | 486 | 559 | 668 | 774 | 922 |
| 130 | 26 | 35 | 46 | 59 | 80 | 105 | 140 | 172 | 217 | 272 | 324 | 380 | 437 | 502 | 600 | 695 | 828 |
| 140 | 23 | 30 | 40 | 52 | 70 | 92 | 122 | 151 | 190 | 238 | 284 | 334 | 383 | 440 | 526 | 609 | 726 |
| 150 | 19 | 26 | 34 | 44 | 59 | 78 | 103 | 127 | 160 | 200 | 240 | 281 | 323 | 371 | 444 | 514 | 613 |
| 160 | 15 | 20 | 27 | 34 | 46 | 61 | 81 | 100 | 126 | 157 | 189 | 221 | 254 | 292 | 349 | 404 | 482 |
| 170 | 10 | 13 | 18 | 23 | 31 | 40 | 53 | 66 | 83 | 104 | 125 | 147 | 169 | 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.



SEVI KABEL

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