


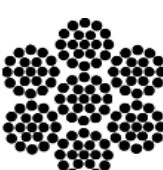
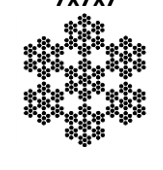


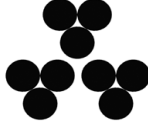

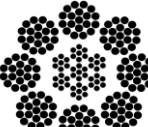

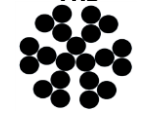

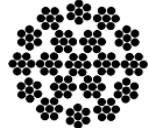

Typical Cable Stranding Constructions and Tensile Strengths

The following table contains a partial list of common cables offered for use in assemblies by Strand Products. The tensile values presented here are intended for baseline design purposes only, actual values may vary. Materials include 304/316 Stainless, Nitinol, Tungsten, Titanium, MP35N, and others. Consult factory for available stock and lead times.

MORE COMMON STRAND CONSTRUCTIONS

| Part Number | Construction | Diameter Ø [in.] | Break Strength [lb] | | |
|----------------|---|---|---------------------|-----|-----|
| | | | 304 | 316 | |
| CB-0003-107-CS |  | 0.003 | 1 | 1 | |
| CB-0006-107-CS | | 0.006 | 6 | 5 | |
| CB-0010-107-CS | | 0.010 | 16 | 14 | |
| CB-0012-107-CS | | 0.012 | 23 | 20 | |
| CB-0015-107-CS | | 0.015 | 36 | 30 | |
| CB-0018-107-CS | | 0.018 | 51 | 42 | |
| CB-0021-107-CS | | 0.021 | 70 | 58 | |
| CB-0024-107-CS | | 0.024 | 92 | 77 | |
| CB-0031-107-CS | | 0.031 | 153 | 129 | |
| CB-0036-107-CS | | 0.036 | 207 | 176 | |
| CB-0007-707-CS |  | 0.007 | 6 | - | |
| CB-0009-707-CS | | 0.009 | 9 | 8 | |
| CB-0010-707-CS | | 0.010 | 12 | 10 | |
| CB-0012-707-CS | | 0.012 | 18 | 15 | |
| CB-0014-707-CS | | 0.014 | 24 | 21 | |
| CB-0016-707-CS | | 0.016 | 31 | 28 | |
| CB-0018-707-CS | | 0.018 | 40 | 34 | |
| CB-0024-707-CS | | 0.024 | 69 | 60 | |
| CB-0027-707-CS | | 0.027 | 88 | 77 | |
| CB-0031-707-CS | | 0.031 | 117 | 102 | |
| CB-0036-707-CS | | 0.036 | 159 | 139 | |
| CB-0047-707-CS | | 0.047 | 279 | 231 | |
| CB-0006-119-CS | |  | 0.006 | 5 | 5 |
| CB-0008-119-CS | | | 0.008 | 10 | 9 |
| CB-0010-119-CS | 0.010 | | 16 | 13 | |
| CB-0011-119-CS | 0.011 | | 18 | 16 | |
| CB-0012-119-CS | 0.012 | | 22 | 19 | |
| CB-0015-119-CS | 0.015 | | 34 | 30 | |
| CB-0018-119-CS | 0.018 | | 50 | 43 | |
| CB-0020-119-CS | 0.020 | | 62 | 54 | |
| CB-0025-119-CS | 0.025 | | 99 | 82 | |
| CB-0040-119-CS | 0.040 | | 251 | 208 | |
| CB-0050-119-CS | 0.050 | 390 | 329 | | |
| CB-0009-719-CS |  | 0.009 | 9 | - | |
| CB-0012-719-CS | | 0.012 | 17 | - | |
| CB-0015-719-CS | | 0.015 | 25 | 21 | |
| CB-0018-719-CS | | 0.018 | 37 | 33 | |
| CB-0021-719-CS | | 0.021 | 51 | 45 | |
| CB-0024-719-CS | | 0.024 | 68 | 60 | |
| CB-0027-719-CS | | 0.027 | 87 | 77 | |
| CB-0030-719-CS | | 0.030 | 117 | 99 | |
| CB-0038-719-CS | | 0.038 | 168 | 152 | |
| CB-0045-719-CS | | 0.045 | 239 | 209 | |
| CB-0047-719-CS | | 0.047 | 261 | 228 | |
| CB-0027-777-CS | |  | 0.027 | 64 | 55 |
| CB-0032-777-CS | | | 0.032 | 94 | 82 |
| CB-0039-777-CS | | | 0.039 | 140 | 124 |
| CB-0047-777-CS | 0.047 | | 210 | 185 | |
| CB-0059-777-CS | 0.059 | | 319 | 285 | |
| CB-0079-777-CS | 0.079 | | 585 | 513 | |

LESS COMMON STRAND CONSTRUCTIONS

| Part Number | Construction | Diameter Ø [in.] | Break Strength [lb] | |
|----------------|---|---|---------------------|-----|
| | | | 304 | 316 |
| CB-0005-303-CS |  | 0.005 | 2 | 2 |
| CB-0007-303-CS | | 0.007 | 4 | 4 |
| CB-0009-303-CS | | 0.009 | 8 | 7 |
| CB-0012-303-CS | | 0.012 | 16 | 14 |
| CB-0016-303-CS | | 0.016 | 31 | 27 |
| CB-0020-303-CS | | 0.020 | 54 | 46 |
| CB-0006-307-CS | |  | 0.006 | 3 |
| CB-0008-307-CS | 0.008 | | 7 | 6 |
| CB-0010-307-CS | 0.010 | | 11 | 10 |
| CB-0012-307-CS | 0.012 | | 17 | 15 |
| CB-0016-307-CS | 0.016 | | 30 | 27 |
| CB-0020-307-CS | 0.020 | | 50 | 43 |
| CB-0026-307-CS | 0.026 | | 89 | 78 |
| CB-0032-307-CS | 0.032 | | 143 | 119 |
| CB-0040-307-CS | 0.040 | 225 | 187 | |
| CB-0015-819-CS |  | 0.015 | 25 | - |
| CB-0018-819-CS | | 0.018 | 34 | 29 |
| CB-0022-819-CS | | 0.022 | 52 | 46 |
| CB-0027-819-CS | | 0.027 | 79 | 71 |
| CB-0030-819-CS | | 0.030 | 100 | 88 |
| CB-0038-819-CS | | 0.038 | 164 | 140 |
| CB-0047-819-CS | | 0.047 | 243 | 219 |
| CB-0005-137-CS |  | 0.005 | 4 | - |
| CB-0008-137-CS | | 0.008 | 10 | 8 |
| CB-0010-137-CS | | 0.010 | 15 | 13 |
| CB-0012-137-CS | | 0.012 | 22 | 19 |
| CB-0014-137-CS | | 0.014 | 30 | 26 |
| CB-0017-137-CS | | 0.017 | 43 | 39 |
| CB-0022-137-CS | | 0.022 | 73 | 64 |
| CB-0006-703-CS |  | 0.006 | 3 | 3 |
| CB-0010-703-CS | | 0.010 | 10 | 9 |
| CB-0016-703-CS | | 0.016 | 28 | 25 |
| CB-0024-703-CS | | 0.024 | 67 | 58 |
| CB-0031-703-CS | | 0.031 | 120 | 100 |
| CB-0008-112-CS |  | 0.008 | 9 | 9 |
| CB-0012-112-CS | | 0.012 | 22 | 18 |
| CB-0018-112-CS | | 0.018 | 54 | 47 |
| CB-0020-112-CS | | 0.020 | 72 | 60 |
| CB-0024-112-CS | | 0.024 | 108 | 90 |
| CB-0015-197-CS |  | 0.015 | 25 | 21 |
| CB-0018-197-CS | | 0.018 | 37 | 33 |
| CB-0027-197-CS | | 0.027 | 87 | 77 |
| CB-0031-197-CS | | 0.031 | 117 | 99 |
| CB-0047-197-CS | | 0.047 | 261 | 228 |
| CB-0052-197-CS | | 0.052 | 323 | 282 |
| CB-0003-103-CS |  | 0.003 | 1 | 1 |
| CB-0010-103-CS | | 0.010 | 18 | 15 |
| CB-0012-103-CS | | 0.012 | 32 | 27 |
| CB-0020-103-CS | | 0.020 | 107 | 90 |
| CB-0028-103-CS | | 0.028 | 243 | 206 |