


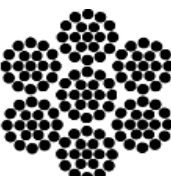





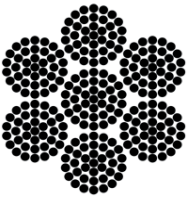
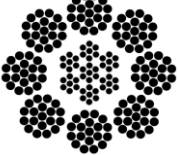
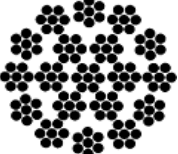
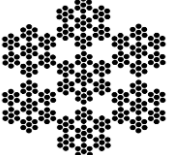
## Typical Commercial Grade Cable Ø1/32" and Larger Stranding Constructions and Tensile Strengths

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 will vary. Materials include 304/316 Stainless, Nitinol, Tungsten, Titanium, MP35N, Elgiloy, and others. Consult factory for available stock and lead times.

### MORE COMMON STRAND CONSTRUCTIONS

| Part Number   | Construction  | Diameter<br>Ø [in.]   | Min Break Strength [lb] |       |
|---------------|---|---|-------------------------|-------|
|               |   |   | 304                     | Galv. |
| CB-0031-107-C |    | 0.031   | 150                     | 185   |
| CB-0047-107-C |   | 0.047   | 375                     | 375   |
| CB-0063-107-C |   | 0.063   | 500                     | 500   |
| CB-0078-107-C |   | 0.078   | 800                     | 800   |
| CB-0094-107-C |   | 0.094   | 1200                    | 1200  |
| CB-0125-107-C |   | 0.125   | 1800                    | 2100  |
| CB-0031-707-C |    | 0.031   | 120                     | 120   |
| CB-0036-707-C |   | 0.036   | 160                     | 160   |
| CB-0047-707-C |   | 0.047   | 270                     | 270   |
| CB-0063-707-C |   | 0.063   | 480                     | 480   |
| CB-0078-707-C |   | 0.078   | 650                     | 650   |
| CB-0094-707-C |   | 0.094   | 920                     | 920   |
| CB-0125-707-C |   | 0.125   | 1700                    | 1700  |
| CB-0156-707-C |   | 0.156   | 2400                    | 2600  |
| CB-0188-707-C |   | 0.188   | 3700                    | 3700  |
| CB-0219-707-C |   | 0.219   | 4800                    | -     |
| CB-0250-707-C |   | 0.250   | 6100                    | 6100  |
| CB-0031-119-C |   |  | 0.031                   | 165   |
| CB-0047-119-C | 0.047   |   | 375                     | 375   |
| CB-0063-119-C | 0.063   |   | 500                     | 500   |
| CB-0078-119-C | 0.078   |   | 800                     | 800   |
| CB-0094-119-C | 0.094   |   | 1200                    | 1200  |
| CB-0125-119-C | 0.125   |   | 2100                    | 2100  |
| CB-0156-119-C | 0.156   | 3300  | 3300                    |       |
| CB-0188-119-C | 0.188   | 4700  | 4700                    |       |
| CB-0031-719-C |  | 0.031   | 120                     | 120   |
| CB-0036-719-C |   | 0.036   | 150                     | 150   |
| CB-0047-719-C |   | 0.047   | 270                     | 270   |
| CB-0063-719-C |   | 0.063   | 480                     | 480   |
| CB-0078-719-C |   | 0.078   | 650                     | 650   |
| CB-0094-719-C |   | 0.094   | 920                     | 1000  |
| CB-0125-719-C |   | 0.125   | 1760                    | 2000  |
| CB-0156-719-C |   | 0.156   | 2400                    | 2800  |
| CB-0188-719-C |   | 0.188   | 3700                    | 4200  |
| CB-0219-719-C |   | 0.219   | 5000                    | 5600  |
| CB-0250-719-C |   | 0.250   | 6400                    | 7000  |
| CB-0281-719-C |   | 0.281   | 7800                    | -     |
| CB-0313-719-C |   | 0.313   | 9000                    | 9800  |
| CB-0375-719-C |   | 0.375   | 12000                   | 14400 |

### LESS COMMON STRAND CONSTRUCTIONS

| Part Number   | Construction  | Diameter<br>Ø [in.] | Min Break Strength [lb] |       |
|---------------|---|---------------------|-------------------------|-------|
|               |   |                     | 304                     | Galv. |
| CB-0031-137-C |    | 0.031               | 140                     | -     |
| CB-0047-137-C |   | 0.047               | 320                     | -     |
| CB-0063-137-C |   | 0.063               | 500                     | -     |
| CB-0078-137-C |   | 0.078               | 800                     | -     |
| CB-0094-137-C |   | 0.094               | 1200                    | -     |
| CB-0125-137-C |   | 0.125               | 2100                    | -     |
| CB-0031-737-C |    | 0.031               | 120                     | -     |
| CB-0047-737-C |   | 0.047               | 270                     | -     |
| CB-0063-737-C |   | 0.063               | 480                     | -     |
| CB-0078-737-C |   | 0.078               | 650                     | -     |
| CB-0094-737-C |   | 0.094               | 920                     | -     |
| CB-0125-737-C |   | 0.125               | 1760                    | -     |
| CB-0156-737-C |   | 0.156               | 2400                    | -     |
| CB-0188-737-C |   | 0.188               | 1760                    | -     |
| CB-0031-819-C |  | 0.031               | 100                     | -     |
| CB-0047-819-C |   | 0.047               | 230                     | -     |
| CB-0063-819-C |   | 0.063               | 410                     | -     |
| CB-0078-819-C |   | 0.078               | 620                     | -     |
| CB-0094-819-C |   | 0.094               | 900                     | -     |
| CB-0125-819-C |   | 0.125               | 1400                    | -     |
| CB-0156-819-C | 0.156   | 2300                | -                       |       |
| CB-0188-819-C | 0.188   | 3400                | -                       |       |
| CB-0031-197-C |  | 0.031               | 110                     | -     |
| CB-0047-197-C |   | 0.047               | 260                     | -     |
| CB-0063-197-C |   | 0.063               | 470                     | -     |
| CB-0078-197-C |   | 0.078               | 720                     | -     |
| CB-0094-197-C |   | 0.094               | 840                     | -     |
| CB-0125-197-C |   | 0.125               | 1740                    | -     |
| CB-0156-197-C |   | 0.156               | 2700                    | -     |
| CB-0188-197-C | 0.188   | 3900                | -                       |       |
| CB-0032-777-C |  | 0.032               | 90                      | -     |
| CB-0039-777-C |   | 0.039               | 140                     | -     |
| CB-0047-777-C |   | 0.047               | 210                     | -     |
| CB-0059-777-C |   | 0.059               | 320                     | -     |
| CB-0079-777-C |   | 0.079               | 585                     | -     |
| CB-0094-777-C |   | 0.094               | 700                     | -     |
| CB-0125-777-C |   | 0.125               | 1250                    | 0     |
| CB-0156-777-C |   | 0.156               | 1750                    | 1750  |
| CB-0188-777-C |   | 0.188               | 2800                    | 2800  |