

# Silver-Plated Copper Wire Shielding Braids (Tubular)



In accordance with the specification, all items are manufactured with a minimum plating thickness of 40 microinches.

**DESCRIPTION:** Federal Specification QQ-B-575C, dated September 22, 1993 was cancelled on November 20, 2000 and replaced by Commercial Item Description (CID) A-A-59569. This CID covers tin- or silver-plated copper wire braids supplied in tubular or flat form intended for use as shielding over electrical conductors, controller contacts and grounding bonds.

**USE:** Silver plating, in lieu of tin plating, is necessary when the shielding is to be subjected to temperatures exceeding 150° C or if special corrosion resistance is required.

| New England Part Number | Specification Part Number | Nominal Inside Diameter | AWG of Wire | Number of Wires | Equivalent AWG | Circular Mil Area | Feet/LB | LBS/1000 FT |
|-------------------------|---------------------------|-------------------------|-------------|-----------------|----------------|-------------------|---------|-------------|
| NEQ24136SP              | AA59569R36S0031           | .031                    | 36          | 24              | 22             | 600               | 500.5   | 2.0         |
| NEQ24236SP              | AA59569R36S0062           | .062                    | 36          | 48              | 19             | 1200              | 263.4   | 3.9         |
| NEQ16234SP              | AA59569R34S0062           | .062                    | 34          | 32              | 19             | 1351              | 236.5   | 4.3         |
| NEQ16132SP              | AA59569R32S0062           | .062                    | 32          | 16              | 20             | 1011              | 293.3   | 3.4         |
| NEQ24336SP              | AA59569R36S0078           | .078                    | 36          | 72              | 18             | 1800              | 166.9   | 6.0         |
| NEQ24436SP              | AA59569R36S0109           | .109                    | 36          | 96              | 16             | 2400              | 126.6   | 7.9         |
| NEQ16434SP              | AA59569R34S0109           | .109                    | 34          | 64              | 16             | 2544              | 118.3   | 8.5         |
| NEQ16232SP              | AA59569R32S0109           | .109                    | 32          | 32              | 17             | 2023              | 146.6   | 6.8         |
| NEQ24536SP              | AA59569R36S0125           | .125                    | 36          | 120             | 15             | 3000              | 100.1   | 10.0        |
| NEQ24334SP              | AA59569R34S0125           | .125                    | 34          | 72              | 16             | 2862              | 105.1   | 9.5         |
| NEQ24232SP              | AA59569R32S0125           | .125                    | 32          | 48              | 15             | 3034              | 97.8    | 10.2        |
| NEQ241036SP             | AA59569R36S0156           | .156                    | 36          | 240             | 12             | 6000              | 50.1    | 20.0        |
| NEQ24736SP              | AA59569R36S0171           | .171                    | 36          | 168             | 14             | 4200              | 71.5    | 14.0        |
| NEQ24534SP              | AA59569R34S0171           | .171                    | 34          | 120             | 13             | 4770              | 63.1    | 15.9        |
| NEQ24332SP              | AA59569R32S0171           | .171                    | 32          | 72              | 14             | 4551              | 65.2    | 15.3        |
| NEQ241336SP             | AA59569R36S0203           | .203                    | 36          | 312             | 11             | 7800              | 38.5    | 26.0        |
| NEQ24834SP              | AA59569R34S0203           | .203                    | 34          | 192             | 11             | 7632              | 39.4    | 25.4        |
| NEQ24532SP              | AA59569R32S0203           | .203                    | 32          | 120             | 11             | 7585              | 39.1    | 25.6        |
| NEQ241636SP             | AA59569R36S0250           | .250                    | 36          | 384             | 10             | 9600              | 31.3    | 32.0        |
| NEQ24530SP              | AA59569R30S0281           | .281                    | 30          | 120             | 9              | 12000             | 25.0    | 40.0        |
| NEQ48836SP              | AA59569R36S0375           | .375                    | 36          | 384             | 10             | 9600              | 31.3    | 32.0        |
| NEQ48534SP              | AA59569R34S0375           | .375                    | 34          | 240             | 10             | 9540              | 31.5    | 31.7        |
| NEQ48332SP              | AA59569R32S0375           | .375                    | 32          | 144             | 11             | 9102              | 32.6    | 30.7        |
| NEQ24730SP              | AA59569R30S0375           | .375                    | 30          | 168             | 8              | 16800             | 17.1    | 58.5        |
| NEQ241030SP             | AA59569R30S0437           | .437                    | 30          | 240             | 6              | 24000             | 12.0    | 83.5        |
| NEQ481136SP             | AA59569R36S0500           | .500                    | 36          | 528             | 9              | 13200             | 22.8    | 44.0        |
| NEQ48734SP              | AA59569R34S0500           | .500                    | 34          | 336             | 9              | 13356             | 22.5    | 44.4        |
| NEQ241630SP             | AA59569R30S0500           | .500                    | 30          | 360             | 6              | 36000             | 8.0     | 125.3       |
| NEQ481030SP             | AA59569R30S0562           | .562                    | 30          | 480             | 3              | 48000             | 6.6     | 167.0       |
| NEQ481630SP             | AA59569R30S0656           | .656                    | 30          | 768             | 1              | 76800             | 3.7     | 267.3       |
| NEQ481836SP             | AA59569R36S0781           | .781                    | 36          | 864             | 7              | 21600             | 13.9    | 71.9        |
| NEQ481134SP             | AA59569R34S0781           | .781                    | 34          | 528             | 7              | 20956             | 14.3    | 69.8        |
| NEQ48732SP              | AA59569R32S0781           | .781                    | 32          | 336             | 7              | 21239             | 14.0    | 71.6        |
| NEQL48730SP             | AA59569R30S0875           | .875                    | 30          | 336             | 5              | 33600             | 8.5     | 117.0       |
| NEQL48830SP             | AA59569R30S1000           | 1.000                   | 30          | 384             | 4              | 38400             | 7.5     | 133.7       |
| NEQL48930SP             | AA59569R30S1125           | 1.125                   | 30          | 432             | 4              | 43200             | 6.6     | 150.4       |
| NEQL481030SP*           |                           | 1.250                   | 30          | 480             | 4              | 48000             | 5.9     | 167.1       |
| NEQL481130SP            | AA59569R30S1375           | 1.375                   | 30          | 528             | 3              | 52800             | 5.4     | 183.8       |
| NEQL481230SP*           |                           | 1.500                   | 30          | 476             | 3              | 57600             | 5.0     | 200.5       |
| NEQL481430SP*           |                           | 2.000                   | 30          | 672             | 2              | 67200             | 4.4     | 233.9       |
| NEQL481630SP*           |                           | 2.250                   | 30          | 768             | 1              | 76800             | 3.9     | 267.3       |

\*Manufactured to Commercial Item Description A-A-59569 standards although these extra large sizes are not listed in the specification.

All measurements are in inches unless otherwise stated.

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