

Flexible Silver Plated Braid

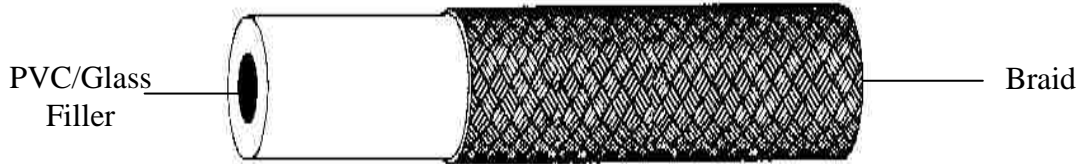
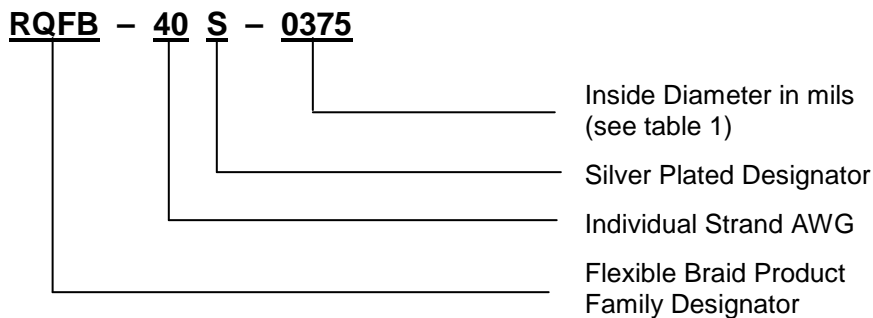


Table 1

Part No.	Fraction [Inch]	Nom. ID [Inch]	Strand Size [AWG]	Carriers	Ends	Nom. Weight [Kg/Km]
RQFB-40S-0032	1/32	0.032±0.002	40	12	4	3.1
RQFB-40S-0063	1/16	0.063±0.003	40	16	5	7.3
RQFB-40S-0093	3/32	0.093±0.004	40	24	5	10.6
RQFB-40S-0125	1/8	0.125±0.005	40	24	7	16.7
RQFB-40S-0188	3/16	0.188±0.002	40	48	5	31.6
RQFB-40S-0250	1/4	0.250±0.003	40	48	7	49.1
RQFB-40S-0375	3/8	0.375±0.012	40	48	9	98.5
RQFB-40S-0500	1/2	0.500±0.010	40	48	12	131.3
RQFB-36S-0750	3/4	0.750±0.02	36	48	12	1066

* Thickness and dimensions are given as reference only and may vary slightly due to manufacturing process inherent with braiding.

1. Identification Part No



2. Material

Braids are made of ROHS compliant silver plated NEWAlloy™ 13

Tensile Strength		Yield Strength		Elongation		Applicable ASTM	Other Information
Soft	Hard	Soft	Hard	Soft	Hard		
50,000 psi	85,000 psi	30,000 psi	80,000 psi	10-25%	1%	ASTM B105 ASTM B258	Information varies slightly according to size and coating

* NEWAlloy is a registered trademark of "New England Wire Technologies"

3. Coverage

The percent of coverage shall be determined by using the following formula:

$$K = 100 - (2F - F^2)$$

$$F = (N \cdot P \cdot W) / (C \cdot \sin(A))$$

$$\tan(A) = [2\pi \cdot (D + 2W) \cdot P] / C$$

Where:

K – percent of coverage

A – braid angle

C – number of carriers (see table 1)

D – inside diameter in inches (see table 1)

N – total number of ends (see table 1)

P – picks per inch

W – diameter of individual braid wire in inches