- Flexible wire braid busbars can be produced in accordance with the specifications of **AA59569** (formerly known as QQB575). This standard has been created to describe the wire braids produced for military purpose cable screenings.

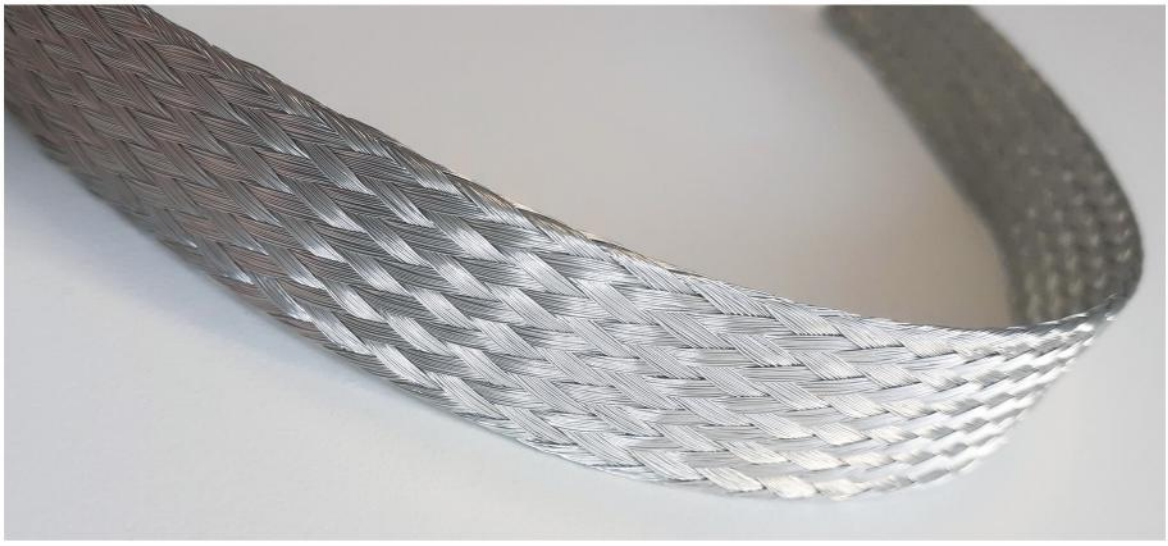
- These products are absorbent for the elongation and shortening caused by the heat effect. They are preferred in environments where low and high voltage **vibration** and **impact effects** are likely.

- Provides easy application advantage thanks to its flexible structure.

- Products have high expansion and contraction ability with their super elasticity.

- Product coding is given in the table below.

- It is currently possible to prepare products using **tin or nickel** plated copper wires. The production variety of the products is specified in the product codes. Demands can be formed by specifying the inner diameter values, the coating material demanded on copper, the wire diameter and the tubular or flat product demands with this code value.



AA59569 R 36 T 0375

- 0375 — Inside Diameter (mils)
- T — Strand Coating, (T=Tin N=Nickel)
- 36 — American Wire Gauge (AWG) of individual strands
- R — Form, R=Tubular F=Flat
- AA59569 — Federal Specification

AA59569 (formerly QQB575) Flat and Tubular Wire Braid

No	PIN (1)	Strand wire size (AWG)	Tubular Inside Diameter (inch) (2)	Number of Carriers	Number of Ends	Current Rating (Amps) (3)	Approx. AWG equiv. (4)	Flat form width x thickness (inches) (5)
1	AA59569 R 36 T 0031	36	0.031	24	24	7.0	22	0.046x0.020
2	AA59569 F 36 T 0031							
3	AA59569 R 36 N 0031							
4	AA59569 F 36 N 0031							
5	AA59569 R 36 T 0062	36	0.062	24	48	11.0	19	0.093x0.031
6	AA59569 F 36 T 0062							
7	AA59569 R 36 N 0062							
8	AA59569 F 36 N 0062							
9	AA59569 R 34 T 0062	34	0.062	16	32	11.0	19	-
10	AA59569 F 34 T 0062							
11	AA59569 R 34 N 0062							
12	AA59569 F 34 N 0062							
13	AA59569 R 32 T 0062 (7)	32	0.062	16	16	9.0	20	-
14	AA59569 F 32 T 0062 (7)							
15	AA59569 R 32 N 0062 (7)							
16	AA59569 F 32 N 0062 (7)							
17	AA59569 R 36 T 0078	36	0.078	24	72	16.0	18	0.125x0.020
18	AA59569 F 36 T 0078							
19	AA59569 R 36 N 0078							
20	AA59569 F 36 N 0078							
21	AA59569 R 36 T 0109	36	0.109	24	96	19.0	16	0.156x0.031
22	AA59569 F 36 T 0109							
23	AA59569 R 36 N 0109							
24	AA59569 F 36 N 0109							
25	AA59569 R 34 T 0109 (7)	34	0.109	16	64	19.0	16	-
26	AA59569 F 34 T 0109 (7)							
27	AA59569 R 34 N 0109 (7)							
28	AA59569 F 34 N 0109 (7)							
29	AA59569 R 32 T 0109 (7)	32	0.109	16	32	18.0	17	-
30	AA59569 F 32 T 0109 (7)							
31	AA59569 R 32 N 0109 (7)							
32	AA59569 F 32 N 0109 (7)							
33	AA59569 R 36 T 0125	36	0.125	24	120	25.0	15	0.187x0.200
34	AA59569 F 36 T 0125							
35	AA59569 R 36 N 0125							
36	AA59569 F 36 N 0125							
37	AA59569 R 34 T 0125	34	0.125	24	72	19.0	16	-
38	AA59569 F 34 T 0125							
39	AA59569 R 34 N 0125							
40	AA59569 F 34 N 0125							
41	AA59569 R 32 T 0125 (7)	32	0.125	24	48	25.0	15	-
42	AA59569 F 32 T 0125 (7)							
43	AA59569 R 32 N 0125 (7)							
44	AA59569 F 32 N 0125 (7)							
45	AA59569 R 36 T 0156	36	0.156	24	240	40.0	12	0.250x0.046
46	AA59569 F 36 T 0156							
47	AA59569 R 36 N 0156							
48	AA59569 F 36 N 0156							
49	AA59569 R 36 T 0171	36	0.171	24	168	32.0	14	0.250x0.030
50	AA59569 F 36 T 0171							
51	AA59569 R 36 N 0171							
52	AA59569 F 36 N 0171							

AA59569 (formerly QQB575) Flat and Tubular Wire Braid

No	PIN (1)	Strand wire size (AWG)	Tubular Inside Diameter (inch) (2)	Number of Carriers	Number of Ends	Current Rating (Amps) (3)	Approx. AWG equiv. (4)	Flat form width x thickness (inches) (5)
53	AA59569 R 34 T 0171	34	0.171	24	120	36.0	13	-
54	AA59569 F 34 T 0171							
55	AA59569 R 34 N 0171							
56	AA59569 F 34 N 0171							
57	AA59569 R 32 T 0171 (7)	32	0.171	24	72	32.0	14	-
58	AA59569 F 32 T 0171 (7)							
59	AA59569 R 32 N 0171 (7)							
60	AA59569 F 32 N 0171 (7)							
61	AA59569 R 36 T 0203	36	0.203	24	312	46.0	11	0.281x0.046
62	AA59569 F 36 T 0203							
63	AA59569 R 36 N 0203							
64	AA59569 F 36 N 0203							
65	AA59569 R 34 T 0203	34	0.203	24	192	46.0	11	-
66	AA59569 F 34 T 0203							
67	AA59569 R 34 N 0203							
68	AA59569 F 34 N 0203							
69	AA59569 R 32 T 0203 (7)	32	0.203	24	120	46.0	11	-
70	AA59569 F 32 T 0203 (7)							
71	AA59569 R 32 N 0203 (7)							
72	AA59569 F 32 N 0203 (7)							
73	AA59569 R 36 T 0250	36	0.250	24	384	53.0	10	-
74	AA59569 F 36 T 0250							
75	AA59569 R 36 N 0250							
76	AA59569 F 36 N 0250							
77	AA59569 R 30 T 0281	30	0.281	24	120	60.0	9	-
78	AA59569 F 30 T 0281							
79	AA59569 R 30 N 0281							
80	AA59569 F 30 N 0281							
81	AA59569 R 36 T 0375	36	0.375	48	384	53.0	10	0.625x0.030
82	AA59569 F 36 T 0375							
83	AA59569 R 36 N 0375							
84	AA59569 F 36 N 0375							
85	AA59569 R 34 T 0375	34	0.375	48	240	53.0	10	-
86	AA59569 F 34 T 0375							
87	AA59569 R 34 N 0375							
88	AA59569 F 34 N 0375							
89	AA59569 R 32 T 0375	32	0.375	48	144	46.0	11	-
90	AA59569 F 32 T 0375							
91	AA59569 R 32 N 0375							
92	AA59569 F 32 N 0375							
93	AA59569 R 30 T 0375 (7)	30	0.375	24	168 (6)	75.0	8	-
94	AA59569 F 30 T 0375 (7)							
95	AA59569 R 30 N 0375 (7)							
96	AA59569 F 30 N 0375 (7)							
97	AA59569 R 30 T 0437	30	0.437	24	240	90.0	6	0.500x0.093
98	AA59569 F 30 T 0437							
99	AA59569 R 30 N 0437							
100	AA59569 F 30 N 0437							
101	AA59569 R 36 T 0500	36	0.500	48	528	62.0	9	0.625x0.046
102	AA59569 F 36 T 0500							
103	AA59569 R 36 N 0500							
104	AA59569 F 36 N 0500							

AA59569 (formerly QQB575) Flat and Tubular Wire Braid

No	PIN (1)	Strand wire size (AWG)	Tubular Inside Diameter (inch) (2)	Number of Carriers	Number of Ends	Current Rating (Amps) (3)	Approx. AWG equiv. (4)	Flat form width x thickness (inches) (5)
105	AA59569 R 34 T 0500	34	0.500	48	336	62.0	9	-
106	AA59569 F 34 T 0500							
107	AA59569 R 34 N 0500							
108	AA59569 F 34 N 0500							
109	AA59569 R 32 T 0500 (7)	32	0.500	48	192	62.0	9	-
110	AA59569 F 32 T 0500 (7)							
111	AA59569 R 32 N 0500 (7)							
112	AA59569 F 32 N 0500 (7)							
113	AA59569 R 30 T 0500	30	0.500	24	360	120.0	6	0.625x0.093
114	AA59569 F 30 T 0500							
115	AA59569 R 30 N 0500							
116	AA59569 F 30 N 0500							
117	AA59569 R 30 T 0562	30	0.562	48	480	145.0	3	-
118	AA59569 F 30 T 0562							
119	AA59569 R 30 N 0562							
120	AA59569 F 30 N 0562							
121	AA59569 R 30 T 0656	30	0.656	48	768	190.0	1	-
122	AA59569 F 30 T 0656							
123	AA59569 R 30 N 0656							
124	AA59569 F 30 N 0656							
125	AA59569 R 36 T 0781	36	0.781	48	864	88.0	7	-
126	AA59569 F 36 T 0781							
127	AA59569 R 36 N 0781							
128	AA59569 F 36 N 0781							
129	AA59569 R 34 T 0781	34	0.781	48	528	88.0	7	-
130	AA59569 F 34 T 0781							
131	AA59569 R 34 N 0781							
132	AA59569 F 34 N 0781							
133	AA59569 R 32 T 0781	32	0.781	48	336	88.0	7	-
134	AA59569 F 32 T 0781							
135	AA59569 R 32 N 0781							
136	AA59569 F 32 N 0781							
137	AA59569 R 30 T 0875	30	0.875	48	336	100.0	5	1.375x0.050
138	AA59569 F 30 T 0875							
139	AA59569 R 30 N 0875							
140	AA59569 F 30 N 0875							
141	AA59569 R 30 T 1000	30	1.000	48	384	120.0	4	-
142	AA59569 F 30 T 1000							
143	AA59569 R 30 N 1000							
144	AA59569 F 30 N 1000							
145	AA59569 R 30 T 1125	30	1.125	48	432	130.0	4	-
146	AA59569 F 30 T 1125							
147	AA59569 R 30 N 1125							
148	AA59569 F 30 N 1125							
149	AA59569 R 30 T 1375	30	1.375	48	528	150.0	3	1.500x0.060
150	AA59569 F 30 T 1375							
151	AA59569 R 30 N 1375							
152	AA59569 F 30 N 1375							

AA59569 (formerly QQB575) Flat and Tubular Wire Braid

No	PIN (1)	Strand wire size (AWG)	Tubular Inside Diameter (inch) (2)	Number of Carriers	Number of Ends	Current Rating (Amps) (3)	Approx. AWG equiv. (4)	Flat form width x thickness (inches) (5)
153	AA59569 R 30 T 1500	30	1.500	48	576	165.0	2	-
154	AA59569 F 30 T 1500							
155	AA59569 R 30 N 1500							
156	AA59569 F 30 N 1500							
157	AA59569 R 30 T 2000	30	2.000	48	672	180.0	2	-
158	AA59569 F 30 T 2000							
159	AA59569 R 30 N 2000							
160	AA59569 F 30 N 2000							

(1) F=Flat, R=Tubular, T=Tin, N=Nickel

(2) Dimensional tolerances shall be as shown in Table II.

(3) Direct current ratings are given for information only and are not requirements. Values shown are for uninsulated braid in free air at 30°C. Values should derated if the braid is insulated or in close contact with other components.

(4) Approximate AWG equivalents are given for information only and are not requirements.

(5) Flat form width and thickness are given for information only and are not requirements. Tolerances shall be

(6) This PIN supersedes the similar construction using 96 ends.

(7) It may not be possible to produce 90% coverage on these construction.

TABLE II - Dimensional Tolerances (inch)

Dimension	Tolerance
0.000 - 0.099	0.010
0.100 - 0.249	0.016
0.250 - 0.499	0.031
0.500 - 0.999	0.063
Over 0.999	0.094