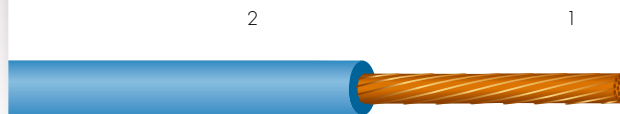


PLASTHERM® FLYW**-40°C to +125°C****Class C according to ISO 6722-1
and ISO 19642-3**

- 1 • Bare or tinned copper core according to ISO 6722-1, ISO 19642-3 and EN 13602
- 2 • PVC 125°C insulation

Approvals - standards

- ISO 6722-1, ISO 19642-1, ISO 19642-3, EN 13602

Applications

- Low voltage wires for general automotive wiring.

Specific characteristics

- Version with a reduced insulation according to ISO 6722-1 and ISO 19642-3

Colour code

- Black, Blue, Brown, Green, Orange, Red, Purple, White, Yellow (others on request)

Option

- Flexible version with Type C - core according to ISO 6722-1 and ISO 19642-3

CONSTRUCTION ACCORDING TO ISO 6722-1 AND ISO 19642-3

Nominal Cross section (mm ²)	Type A	Type B	Thin wall			Bare copper	Tinned copper
	Number of strands & strand diameter nom. / max (nb. x mm)	Number of strands & strand diameter nom. / max. (nb. x mm)	Insulation thickness nom. (mm)	Insulation thickness min. (mm)	Outside wire diameter max. (mm)	Maximum linear resistance at 20°C (Ω/ km)	Maximum linear resistance at 20°C (Ω/ km)
0.13	7 x 0.16	-	0.25	0.20	1.05	136	140
0.22	7 x 0.21	-	0.25	0.20	1.20	84.8	86.5
0.35	7 x 0.27	12 x 0.21	0.25	0.20	1.40*	54.4	55.5
0.50	19 x 0.19	16 x 0.21	0.28	0.22	1.60	37.1	38.2
0.75	19 x 0.24	24 x 0.21	0.30	0.24	1.90	24.7	25.4
1	19 x 0.27	32 x 0.21	0.30	0.24	2.10	18.5	19.1
1.25	19 x 0.30	16 x 0.33	0.30	0.24	2.30	14.9	15.9
1.5	19 x 0.33	30 x 0.26	0.30	0.24	2.40	12.7	13.0
2	19 x 0.38	28 x 0.31	0.35	0.28	2.80	9.42	9.69
2.5	37 x 0.28	50 x 0.26	0.35	0.28	3.00	7.60	7.82
3	-	44 x 0.31	0.40	0.32	3.40	6.15	6.36
4	-	56 x 0.31	0.40	0.32	3.70	4.71	4.85
5	-	65 x 0.33	0.40	0.32	4.20	3.94	4.02
6	-	84 x 0.31	0.40	0.32	4.30	3.14	3.23
8	-	50 x 0.46	0.40	0.32	5.00	2.38	2.52
10	-	80 x 0.41	0.60	0.48	6.00	1.82	1.85
12	-	96 x 0.41	0.60	0.48	6.50	1.52	1.60
16	-	126 x 0.41	0.65	0.52	7.20	1.16	1.18
20	-	152 x 0.41	0.65	0.52	7.80	0.955	0.999
25	-	196 x 0.41	0.65	0.52	8.70	0.743	0.757
30	-	224 x 0.41	0.80	0.64	9.60	0.647	0.684
35	-	276 x 0.41	0.80	0.64	10.40	0.527	0.538
40	-	308 x 0.41	0.90	0.71	11.10	0.473	0.500
50	-	396 x 0.41	0.90	0.71	12.20	0.368	0.375
60	-	296 x 0.51	1.00	0.80	13.30	0.315	0.333
70	-	360 x 0.51	1.00	0.80	14.40	0.259	0.264
95	-	475 x 0.51	1.10	0.90	16.70	0.196	0.200

* The outside wire diameter for 0.35 mm² Type A with 7 strands shall be max 1.30 mm.

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LES CABLES DE L'EXTREME

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
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