SOAKING PIT CABLES

Flexible Silicone Rubber Glass Braid Conductors, Temp Rating 200°C, 600V

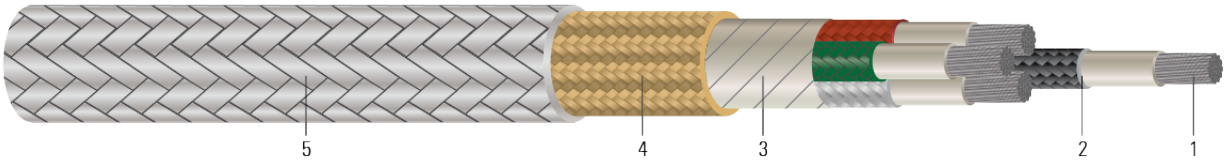


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber with fiberglass braid over the insulation
3. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
4. **Inner Braid:** Aramid fiber braid, treated with a high temperature saturant, covers the core
5. **Outer Braid:** Stainless steel braid is applied overall

APPLICATIONS AND FEATURES:

Used for wiring in locations, such as furnaces, that may expose the cable to molten metal or glass. Stainless Steel braid provides protection against molten splash in soaking pit and slag applications.

Fiber Jacket provides improved mechanical strength and abrasion resistance. Flexible. Good chemical strength. Excellent electrical properties. Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mil	inch	lb/1000ft	°C	Style/Type
C52200	14	2	45	0.510	180	200	Non-UL
C52205	14	3	45	0.540	210	200	Non-UL
C52210	14	4	45	0.590	245	200	Non-UL
C52300	12	2	45	0.555	190	200	Non-UL
C52305	12	3	45	0.585	220	200	Non-UL
C52310	12	4	45	0.635	260	200	Non-UL
C52400	10	2	45	0.610	240	200	Non-UL
C52405	10	3	45	0.640	290	200	Non-UL
C52410	10	4	45	0.695	340	200	Non-UL
C52500	8	2	60	0.775	370	200	Non-UL
C52505	8	3	60	0.860	460	200	Non-UL
C52510	8	4	60	0.905	560	200	Non-UL
C52525	6	2	60	0.910	520	200	Non-UL
C52530	6	3	60	0.960	645	200	Non-UL
C52535	6	4	60	1.065	775	200	Non-UL
C52550	4	2	60	0.980	735	200	Non-UL
C52555	4	3	60	1.030	925	200	Non-UL
C52560	4	4	60	1.165	1120	200	Non-UL
C52575	2	2	60	1.175	1000	200	Non-UL
C52580	2	3	60	1.250	1270	200	Non-UL
C52585	2	4	60	1.370	1550	200	Non-UL

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	mm	kg/km	°C	Style/Type
C52200	14	2	1.14	12.95	268	200	Non-UL
C52205	14	3	1.14	13.72	313	200	Non-UL
C52210	14	4	1.14	14.99	365	200	Non-UL
C52300	12	2	1.14	14.10	283	200	Non-UL
C52305	12	3	1.14	14.86	327	200	Non-UL
C52310	12	4	1.14	16.13	387	200	Non-UL
C52400	10	2	1.14	15.49	357	200	Non-UL
C52405	10	3	1.14	16.26	432	200	Non-UL
C52410	10	4	1.14	17.65	506	200	Non-UL
C52500	8	2	1.52	19.69	551	200	Non-UL
C52505	8	3	1.52	21.84	685	200	Non-UL
C52510	8	4	1.52	22.99	833	200	Non-UL
C52525	6	2	1.52	23.11	774	200	Non-UL
C52530	6	3	1.52	24.38	960	200	Non-UL
C52535	6	4	1.52	27.05	1153	200	Non-UL
C52550	4	2	1.52	24.89	1094	200	Non-UL
C52555	4	3	1.52	26.16	1377	200	Non-UL
C52560	4	4	1.52	29.59	1667	200	Non-UL
C52575	2	2	1.52	29.85	1488	200	Non-UL
C52580	2	3	1.52	31.75	1890	200	Non-UL
C52585	2	4	1.52	34.80	2307	200	Non-UL