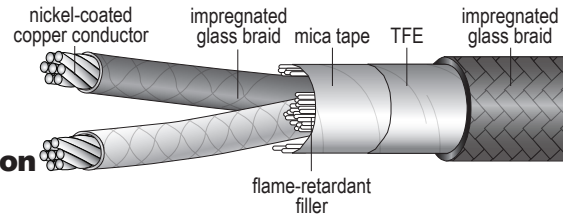


SPECIFICATION
HW059

HOOK UP, LEAD & HIGH TEMP CABLE

EXTREME HEAT CABLE

600 Volt 450°C UL/538°C Non-UL
Mica/Glass & Braided Impregnated Glass Insulation
Mica/Glass, TFE Teflon® Moisture Barrier
Braided Impregnated Glass Jacket
Flexible Strand & Nickel-Coated Copper Conductor



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Mica/TFE Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW059 01801	18	1	16	25	10	0.16	20
HW059 01803	18	3	16	25	10	0.32	60
HW059 01804	18	4	16	25	10	0.35	80
HW059 01806	18	6	16	25	15	0.42	112
HW059 01601	16	1	26	25	12	0.18	26
HW059 01602	16	2	26	25	12	0.32	66
HW059 01603	16	3	26	25	12	0.34	97
HW059 01604	16	4	26	25	15	0.38	100
HW059 01606	16	6	26	25	15	0.45	140

APPLICATION:

Highly flame-resistant cable for use in high temperature environments where extreme heat is required. Used for power, control and instrumentation circuits in iron, steel, glass, aluminum and refining applications.

CONDUCTOR:

- 18 AWG – 10 AWG: 27% nickel-coated, soft annealed copper per ASTM B-355, Class K stranding per ASTM B-174
- 8 AWG – 2 AWG: 27% nickel-coated, soft annealed copper per ASTM B-355, Class H stranding per ASTM B-173

INSULATION:

Mica, Glass and TFE Teflon®

JACKET:

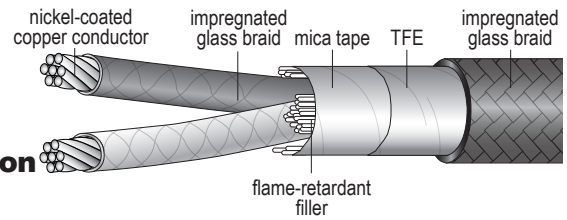
Impregnated glass braid treated with a flame, heat, moisture and abrasion resistant finish

FLAME TESTS:

- IEEE 383 modified (210,000 BTU/hr) vertical tray Flame Test
- IEEE 383 Flame Test 2000°F, 2-hours @ 1000 V
- IEEE 383 Flame Test 2000°F, 3-hours @ 480 V
- IEEE 1202/FT4 Flame Test
- ETL Vertical Tray Flame Test
- UL 1685

EXTREME HEAT CABLE

**600 Volt 450°C UL/538°C Non-UL
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Braided Impregnated Glass Jacket
Flexible Strand & Nickel-Coated Copper Conductor**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Mica/TFE Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW059 01401	14	1	41	25	10	0.19	30
HW059 01402	14	2	41	25	10	0.34	79
HW059 01403	14	3	41	25	15	0.38	100
HW059 01404	14	4	41	25	15	0.41	126
HW059 01406	14	6	41	25	15	0.49	180
HW059 01201	12	1	65	25	10	0.21	42
HW059 01202	12	2	65	25	10	0.41	108
HW059 01203	12	3	65	25	15	0.42	140
HW059 01204	12	4	65	25	15	0.47	173
HW059 01206	12	6	65	25	15	0.57	248
HW059 01001	10	1	105	30	12	0.27	65
HW059 01002	10	2	105	30	15	0.46	151
HW059 01003	10	3	105	30	15	0.52	208
HW059 01004	10	4	105	30	15	0.56	263
HW059 01006	10	6	105	30	15	0.67	372
HW059 00801	8	1	133	30	10	0.32	98
HW059 00601	6	1	133	30	12	0.45	112
HW059 00401	4	1	133	30	15	0.49	170
HW059 00201	2	1	133	35	15	0.53	270

APPLICATION:

Highly flame-retardant cable for use in high temperature environments where extreme heat is required. Used for power, control and instrumentation circuits in iron, steel, glass, aluminum and refining applications.

CONDUCTOR:

- 18 AWG – 10 AWG: 27% nickel-coated, soft annealed copper per ASTM B-355, Class K stranding per ASTM B-174
- 8 AWG – 2 AWG: 27% nickel-coated, soft annealed copper per ASTM B-355, Class H stranding per ASTM B-173

INSULATION:

Mica, Glass and TFE Teflon®

JACKET:

Impregnated glass braid treated with a flame, heat, moisture, and abrasion resistant finish

FLAME TESTS:

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