

Firezone® CRC Critical Circuit Cable

Rocktherm® Silicone Rubber
Insulation

Glass Braid/Nylon Jacket

105°C, 600 Volt
UL Recognized
AWM Style 3606

Spec. RSS-5-142

Scope

Firezone® CRC is a high temperature, fire resistant wire designed for applications where abrasion, oil and fluid resistance are required, and where the conductor does not exceed 105°C in operation. These wires will maintain circuit integrity during fire conditions for

more than one hour. This cable is suitable for use in circuits where the maintenance of circuit integrity is an absolute necessity to allow the operation of systems or equipment vital to life or safety under emergency conditions.

Features

- Small diameter
- Flexible
- High temperature, fire resistant
- “Low Smoke” construction

Performance Standards

- UL Recognized (Subject 758, Style 3606)
- Silicone rubber insulation meets physical and electrical requirements of ICEA S-19-81 and UL Class 22
- Maintains circuit integrity for 60 minutes under 2000°F flame test in accordance with MIL-W-25038E
- Rockbestos RSS-5-142

Construction

Conductor:

Flexible stranded, tinned copper (8 AWG and larger) or flexible stranded, nickel-coated copper (10 AWG and smaller)

Insulation:

Specially formulated Rocktherm® extrusion to provide excellent fire resistance under emergency conditions

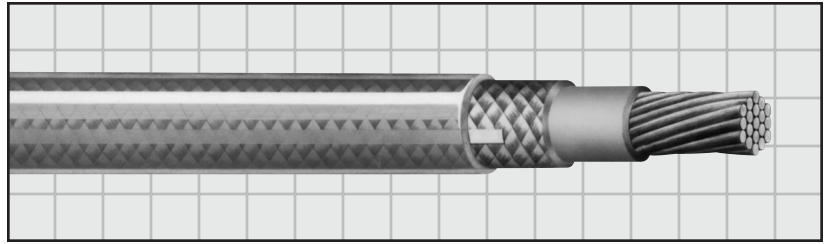
Covering:

Closely woven braid of glass fibers saturated with a special heat and moisture resistant finisher

Jacket:

A nylon extrusion is provided as an added measure of fluid and moisture resistance

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Product Code	Conductor Size (AWG/kcmil)	Stranding/Wire Diameter (Inch)	Insulation Thickness		Braid Thickness (Mils)	Nominal Overall Diameter		Approximate Weight (Lbs/M')
			(Inch)	(mm)		(Inch)	(mm)	
H31-0140	14	19/.0142	.030	.76	7.5	.16	4.06	20
H31-0120	12	19/.0179	.030	.76	7.5	.17	4.32	30
H31-0110	10	49/.0142	.045	1.14	7.5	.23	5.84	50
H31-0080	8	133/.0111	.060	1.52	7.5	.32	8.13	85
H31-0060	6	133/.0140	.060	1.52	7.5	.36	9.14	125
H31-0040	4	133/.0177	.060	1.52	7.5	.42	10.67	180
H31-0020	2	133/.0223	.060	1.52	7.5	.50	12.70	270
H31-0010	1	259/.0180	.080	2.03	20.0	.60	15.24	370
H31-0100	1/0	259/.0202	.080	2.03	20.0	.64	16.26	445
H31-0200	2/0	259/.0227	.080	2.03	20.0	.70	17.78	550
H31-0300	3/0	259/.0255	.080	2.03	30.0	.76	19.30	670
H31-0400	4/0	259/.0286	.080	2.03	30.0	.84	16.26	830
H31-0250	250	427/.0242	.095	2.41	30.0	.92	23.37	995
H31-0350	350	427/.0286	.095	2.41	30.0	1.04	26.42	1335
H31-0500	500	427/.0342	.095	2.41	30.0	1.19	28.96	1860
H31-0750	750	703/.0327	.110	2.79	30.0	1.45	36.83	2770