

November 1992

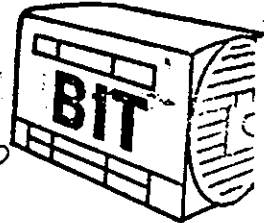
IN RE: ALBRAMS



Label 43422

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MMB-0005956

From: Buffalo - Large Motor Division
VWV: 245-2274
Date: July 31, 1975
Subject: Motor Lead Wire (Cable)

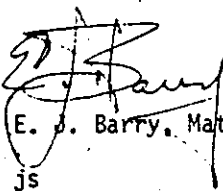
R & D Center - Churchill
Corporate Stds - 501-3Y48

to Mr. W. M. Hanna - Materials Engineer

cc: Mr. R. P. Griffenhagen

Request Material Number immediately for 600 volt cable, asbestos
braided silicone rubber cable with 3/32 inch rubber wall thickness.
Cable is identified as Cerro's Rocktherm Table SR-MLA Cable and
is manufactured by Cerro Wire and Cable Company, Division of Cerro
Corporation; Nicoll & Canner Sts.; New Haven, Connecticut 06504.

Application is motor lead wire and presently we intend to stock
size, 250 MCM (see attachment).



E. J. Barry, Materials Engineer

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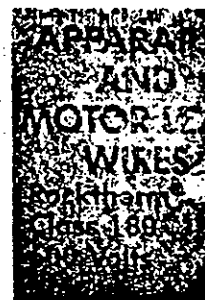
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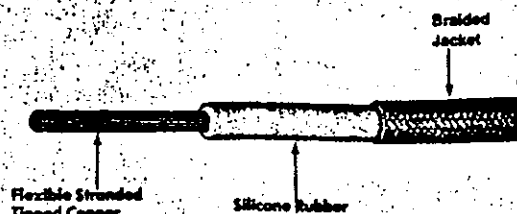
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PLAINTIFF'S
EXHIBIT

WH-S23



NUBB-0005957



ROCKTHERM® FLEXIBLE STRANDED CLASS 180 MOTOR LEAD WIRE

Table SR-ML, 600 Volts, Operating Temp. 200° C. (Intermittent), 180° C. (Continuous)

CONSTRUCTION: Flexible stranded tinned copper, silicone rubber extrusion with a glass braid saturated with a heat and moisture-resistant finish.

APPLICATION: Used for leads to motors, transformers or other electrical circuits where flexible conductors are required to operate under high temperature conditions.

ADVANTAGES: These cables stand up excellently under varnished dip and bake processes, and are especially suited to high temperature leads, where a small diameter, flexible cable is desired.

Size AWG	Stranding	Bare Diameter (in.)	Insulation Thickness in 64ths	Braid Thickness Mils	Nominal Finished Diameter (in.)	Net Weight (lbs./M')	Ampacity*
18	16/.010	.045	2	9	.125	13	24
16	26/.010	.057	2	9	.135	16	30
14	41/.010	.072	2	9	.150	23	40
12	65/.010	.093	2	9	.170	32	55
10	105/.010	.127	3	9	.240	56	82
8	133/.0111	.166	4	9	.305	92	115
6	133/.0140	.205	4	9	.345	127	154
4	133/.0177	.260	4	9	.400	186	205
2	133/.0223	.327	4	9	.470	273	280
1	259/.0180	.370	5	20	.570	379	325
1/0	259/.0202	.415	5	20	.615	454	385
2/0	259/.0227	.467	5	20	.665	566	450
3/0	259/.0255	.526	5	20	.720	671	520
4/0	259/.0286	.591	5	20	.790	832	600

ROCKTHERM® FLEXIBLE STRANDED CLASS 180 MOTOR LEAD WIRE

Table SR-MLA, 600 Volts, Operating Temp. 200° C. (Intermittent), 180° C. (Continuous)

CONSTRUCTION: Flexible stranded tinned copper, silicone rubber extrusion with an asbestos braid saturated with a silicone resin finish.

APPLICATION: Used for leads to motors, transformers or other electrical circuits where flexible conductors are

required to operate under high temperature conditions. The asbestos braid has excellent resistance to abrasion.

ADVANTAGES: These cables stand up excellently under varnished dip and bake processes, and are especially suited to high temperature leads, where a small diameter, flexible cable is desired.

Size MCM	Stranding	Bare Diameter (in.)	Insulation Thickness in 64ths	Braid Thickness Mils	Nominal Finished Diameter (in.)	Net Weight (lbs./M')	Ampacity*
250	427/.0242	.653	6	45	.925	997	655
300	427/.0266	.716	6	45	.985	1181	745
350	427/.0286	.772	6	45	1.040	1347	810
500	427/.0342	.923	6	45	1.195	1849	1015

*Ampacity based on single conductor in free air, 30°C. ambient, 200°C. conductor temperatures. (Cable designed for intermittent use at 200°C., continuous use at 180°C.)

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