

SOLID ALL-ASBESTOS APPARATUS CABLE (N.E.C. Type AIA) Table A, 600 Volts, Max. Operating Temp. 125° C.

CONSTRUCTION: Solid plain copper insulated with felted asbestos wall, with an asbestos braid overall.

ADVANTAGES: Heat and flame resistant insulation possessing excellent aging properties.

APPLICATION: Recommended for use where a 125° C. all-asbestos construction is desired, such as rheostat grid wire.

Size AWG	Bare Diameter (in.)	Nominal Thickness — Mils		Nominal Finished Diameter (in.)	Ampacity*	Net Weight (lbs/M')	Standard Shipping Length/Ft.
		Felted Wall	Asbestos Braid				
14	.064	30	40	.21	30	35	500 C
12	.081	30	40	.23	40	40	500 C
10	.102	30	40	.25	50	55	500 C
8	.128	30	40	.27	65	80	500 C
6	.162	40	40	.33	85	115	500 R
4	.204	40	45	.37	115	165	500 R
3	.229	40	45	.40	130	200	500 R
2	.258	40	45	.42	145	245	500 R
1	.289	60	45	.49	170	315	500 R
1/0	.325	60	45	.53	200	385	500 R
2/0	.365	60	45	.57	230	475	500 R
3/0	.410	60	45	.61	265	590	500 R
4/0	.460	60	45	.66	310	735	500 R

*Ampacity based on 30°C. ambient at 125°C. conductor temperatures, 3 conductors in conduit, per NEC.

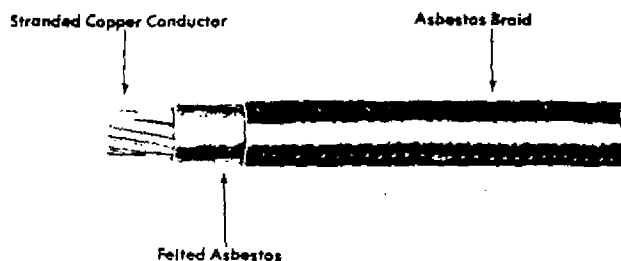
RBB 02898

SC-ELEC-08390

MOTOR WIRE

**Type AIA
600 Volts**

AP2-6-78



STRANDED ALL-ASBESTOS APPARATUS CABLE (N.E.C. Type AIA) Table R, 600 Volts, Max. Operating Temp. 125°C.

CONSTRUCTION: Stranded plain copper insulated with a felted asbestos wall and covered with an overall asbestos braid.

APPLICATION: Suitable for general purpose wiring where 600 volt, 125°C. insulation is desired.

ADVANTAGES: Heat and flame resistant insulation possessing excellent aging properties.

Size, AWG or MCM	Stranding	Bare Diameter (in.)	Nominal Thickness — Mils		Nominal Finished Diameter (in.)	Ampacity*	Net Weight (lbs/M')	Standard Shipping Length/Ft.
			Felted Wall	Asbestos Braid				
14	7/.0242	.073	30	40	.22	30	35	500 C
12	7/.0305	.092	40	40	.26	40	50	500 C
10	7/.0385	.116	40	40	.28	50	65	500 C
8	7/.0486	.146	40	40	.31	65	85	500 C
6	7/.0612	.184	60	45	.39	85	125	500 R
4	7/.0772	.232	60	45	.44	115	180	500 R
3	7/.0867	.260	60	45	.46	130	220	500 R
2	7/.0974	.292	60	45	.50	145	265	500 R
1	19/.0664	.332	75	45	.57	170	335	500 R
1/0	19/.0745	.373	75	45	.61	200	410	500 R
2/0	19/.0835	.419	75	45	.65	230	505	500 R
3/0	19/.0940	.470	75	45	.70	265	615	500 R
4/0	19/.1055	.528	75	45	.76	310	770	500 R
250	37/.0822	.575	90	45	.84	335	905	500 R
350	37/.0973	.681	90	45	.95	420	1235	500 R
400	37/.1040	.728	90	45	.99	450	1385	500 R
500	37/.1162	.813	90	45	1.08	500	1710	500 R

*Ampacity based on 30°C. ambient at 125°C. conductor temperatures, 3 conductors in conduit, per NEC.

THE ROCKBESTOS COMPANY

Division of Cerock Wire & Cable Group, Inc.
New Haven, Connecticut 06504 USA

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RBB 02899

Flexible Stranded
Copper Conductor

Asbestos Braid

Felted Asbestos

**ALL-ASBESTOS
WIRES**
Type AA
300 Volts

AP3-6-78

FLEXIBLE STRANDED ALL-ASBESTOS APPARATUS (N.E.C. Type AA) Table W, 300 Volts, Max. Operating Temp. 150° C.

CONSTRUCTION: Flexible stranded bare copper, insulated with a felted asbestos wall and covered with an overall white asbestos braid.

APPLICATION: These cables have an exceptional flexibility and are recommended for high temperature installations such as motion picture projector leads.

ADVANTAGES: Heat and flame resistant insulation with excellent aging properties and flexibility.

Size AWG	Stranding	Bare Diameter (in.)	Nominal Thickness - Mils		Nominal Finished Diameter (in.)	Ampacity*	Net Weight (lbs./M')	Standard Shipping Length/Ft.
			Felted Wall	Asbestos Braid				
14	104/34	.077	30	40	.22	40	30	500C
12	259/36	.102	30	40	.25	50	40	500C
10	413/36	.130	30	40	.27	65	55	500C
8	665/36	.165	30	40	.31	90	75	500C
6	1050/36	.205	40	45	.37	120	110	500 R
4	1666/36	.275	40	45	.44	170	170	500 R
2	2646/36	.350	40	45	.51	225	250	500 R
1	3332/36	.400	60	45	.60	255	335	500 R
1/0	4214/36	.440	60	45	.64	310	415	500 R
2/0	5292/36	.500	60	45	.70	350	510	500 R
3/0	6713/36	.570	60	45	.78	405	630	500 R
4/0	8512/36	.640	60	45	.84	475	785	500 R

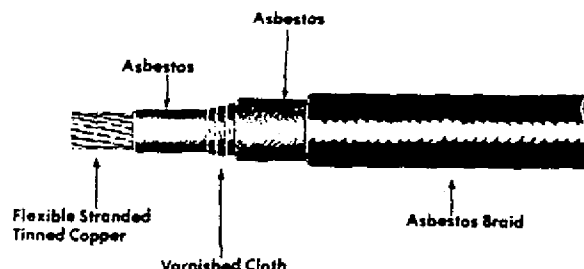
*Based on single conductor in free air, 30°C. ambient, 150°C. conductor temperatures, 3 conductors in conduit, per NEC.

RBB 02900

MOTOR LEAD WIRES

**Type AVA
600 Volts**

AP4-6-78



FLEXIBLE STRANDED MOTOR LEAD WIRE (N.E.C. Type AVA) Table L, 600 Volts, Max. Operating Temp. 110° C.

CONSTRUCTION: Flexible stranded tinned copper insulated with asbestos, varnished cloth and asbestos covered with an overall braid of asbestos having a heat and moisture-resistant finish.

APPLICATION: Table L cables are recommended for heavy-duty industrial installations where a flexible stranded high temperature cable is desired.

ADVANTAGES: Asbestos construction offers the ultimate in service reliability, possessing excellent resistance to heat, flame, corrosion and chemicals.

Size, AWG or MCM	Stranding	Bare Diameter (in.)	Nominal Thickness — Mils				Ampacity*	Nominal Finished Diameter (in.)	Net Weight (lbs./ft.)	Standard Shipping Length/Ft.
			1st Felted Wall	VC Insert	2nd Felted Wall	Asbestos Braid				
14	41/.010	.075	10	30	15	40	30	.27	43	500 C
12	65/.010	.095	10	30	15	40	35	.29	54	500 C
10	104/.010	.120	10	30	15	40	45	.31	72	500 C
8	133/.0111	.162	10	30	15	45	60	.36	100	500 C
6	133/.0140	.205	15	30	20	45	80	.42	142	500 R
4	133/.0177	.260	15	30	20	45	105	.47	203	500 R
3	133/.0199	.292	15	30	20	45	120	.51	244	500 R
2	133/.0223	.327	15	30	20	45	135	.54	292	500 R
1	259/.0180	.370	20	30	30	45	160	.61	376	500 R
1/0	259/.0202	.415	20	30	30	45	190	.66	450	500 R
2/0	259/.0227	.461	20	30	30	45	215	.71	563	500 R
3/0	259/.0255	.526	20	30	30	45	245	.77	670	500 R
4/0	259/.0286	.591	20	30	30	45	275	.84	827	500 R
250	427/.0242	.653	25	40	40	45	315	.95	1030	500 R
300	427/.0265	.716	25	40	40	45	345	1.01	1205	500 R
350	427/.0286	.772	25	40	40	45	390	1.07	1328	500 R
400	427/.0306	.826	25	40	40	45	420	1.12	1506	500 R
500	427/.0342	.923	25	40	40	45	470	1.22	1867	500 R
750	427/.0419	1.131	30	40	40	45	580	1.45	2780	500 R
1000	427/.0484	1.307	30	40	40	45	680	1.61	3553	500 R

*Ampacity based on 30°C. ambient at 110°C. conductor temperatures, 3 conductors in conduit, per NEC.

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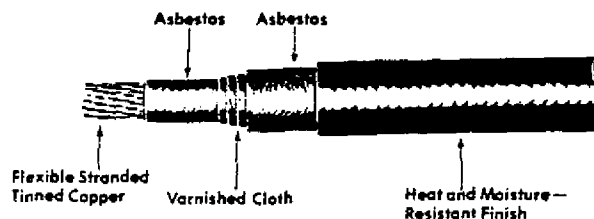
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MOTOR LEAD WIRES

AVC
Table ML
600 Volts
AP5-5-78



FLEXIBLE STRANDED MINING MACHINE CABLE, AVC® Table ML, 600 Volts, Max. Operating Temp. 110° C.

CONSTRUCTION: Flexible stranded tinned copper insulated with asbestos, varnished cloth and asbestos covered with an overall braid of asbestos with a heat and moisture-resistant finish.

APPLICATION: Cables are specifically designed for use on wiring on heavy-duty mining equipment.

ADVANTAGES: Asbestos construction offers the ultimate in service reliability, combined with excellent heat, flame and corrosion resistance.

Size, AWG or MCM	Stranding	Bare Diameter (in.)	Nominal Thickness — Mils				Ampacity*	Nominal Finished Diameter (in.)	Net Weight (lbs./M')	Standard Shipping Length/Ft.
			1st Felted Wall	VC Insert	2nd Felted Wall	Asbestos Braid				
14	41/.010	.075	10	40	10	35	30	.27	44	500 C
12	65/.010	.095	10	40	10	35	35	.29	55	500 C
10	104/.010	.120	10	40	10	35	45	.31	72	500 C
8	133/.0111	.162	10	40	10	35	60	.36	100	500 C
6	133/.0140	.205	10	40	10	35	80	.40	137	500 R
4	133/.0177	.260	10	40	10	35	105	.45	194	500 R
3	133/.0199	.292	10	40	10	35	120	.49	237	500 R
2	133/.0223	.327	10	40	10	35	135	.52	277	500 R
1	259/.0180	.370	15	40	15	45	160	.59	363	500 R
1/0	259/.0202	.415	15	40	15	45	190	.64	440	500 R
2/0	259/.0227	.467	15	40	15	45	215	.69	535	500 R
3/0	259/.0255	.526	15	40	15	45	245	.75	658	500 R
4/0	259/.0286	.591	15	40	15	45	275	.82	811	500 R
250	427/.0242	.653	20	40	40	45	315	.94	985	500 R
300	427/.0265	.716	20	40	40	45	345	1.00	1195	500 R
350	427/.0286	.772	20	40	40	45	390	1.06	1370	500 R
400	427/.0306	.826	20	40	40	45	420	1.11	1545	500 R
500	427/.0342	.923	20	40	40	45	470	1.21	1895	500 R

* Ampacity based on 30°C. ambient at 110°C. conductor temperatures, 3 conductors in conduit, per NEC.

RBB 02902

APPARATUS AND MOTOR LEAD WIRES

**Class 130
Motor Lead
600 Volts**

AP6-5-78



HYPALON CLASS 130 MOTOR LEAD WIRE 600 Volts, Max. Operating Temp. 130° C.**

CONSTRUCTION: Flexible stranded tinned copper,
Hypalon** insulation.

ADVANTAGES: Small diameter flexible, abrasion
resistant lead wire for Class 130 motors.

APPLICATION: Class 130 motor lead wire.

Size AWG	Stranding	Diameter (in.)	Insulation Thickness	Ampacity*	Overall Diameter (in.)	Net Weight (lbs./M')
14	41/.010	.075	.047	40	.18	30
12	65/.010	.095	.047	50	.20	37
10	104/.010	.120	.047	70	.22	52
8	133/.0111	.167	.063	90	.30	84
6	133/.0140	.210	.063	125	.35	134
4	133/.0177	.266	.063	170	.40	182
3	133/.0199	.299	.063	195	.44	222
2	133/.0223	.335	.063	225	.47	270
1	259/.0180	.378	.078	265	.55	344
1/0	259/.0202	.424	.078	305	.59	429
2/0	259/.0227	.477	.078	355	.65	544
3/0	259/.0255	.536	.078	410	.71	658
4/0	259/.0286	.601	.078	475	.77	795

*Ampacity based on single conductor in free air, 30°C. ambient, 130°C. conductor temperatures.

**Reg. trade mark DuPont.

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