AMERICAN INSULATED WIRE CORP.
PAWTUCKET, R.I.

Type: Single Conductor, Asbestos Insulated, Glass Braided, Type A16(a)
CSA Std. 22.2 No. 28-1964
300 Volts, 150C or 200C *
*(See Section 10 for rating)
** Rev. 3 Changes - Asbestos applied 2 passes.

ES-6003, Rev. 3
Date: 6/14/76

TABLE I

Size AWG	Stranding	Lay L.H.	Cond. Dia.	Tape Width	Taped Dia.	Ins. Wall	Ins. Dia.	Braid PPI	Braid Gears	U.L. Approval
20	Solid	---	.032	5/16	.035	.040	.116	25.3	50-20	AWM 5031
18	Solid	---	.0403	5/16	.046	.040	.126	25.3	50-20	AWM 5065
18	7/.0152	3/4"	.046	5/16	.052	.040	.132	25.3	50-20	AWM 5065
18	16/30	1"	.048	5/16	.054	.040	.134	25.3	50-20	AWM 5064
18	41/34	1"	.048	5/16	.054	.040	.134	25.3	50-20	AWM 5064
16	Solid	---	.0508	3/8	.057	.040	.137	25.3	50-20	AWM 5065
16	7/.0192	3/4"	.058	7/16	.064	.040	.144	27.4	54-20	AWM 5065
16	26/30	1 1/4"	.060	7/16	.066	.040	.146	27.4	54-20	AWM 5064
16	65/34	1"	.060	7/16	.066	.040	.146	27.4	54-20	AWM 5064
14	Solid	---	.0641	7/16	.070	.047	.164	29.4	58-20	Type A
14	7/.0242	1"	.073	9/16	.079	.047	.173	29.4	58-20	Type A
14	41/30	1 1/2"	.078	9/16	.084	.047	.178	31.4	62-20	Type A
12	65/30	1 1/2"	.101	3/4	.107	.047	.201	31.4	62-20	Type A
10	105/30	1 3/4"	.126	3/4	.132	.047	.226	32.7	42-13	Type A

1. Conductor: Conductor shall be bare or tinned, annealed copper. See Table I. Stranded conductors shall be bunched or unilay concentric.

2. Separator: The conductor shall be covered with Cellulose Acetate P-903 Brown Tape, .002" thick; applied helically with a 50% overlap. (See Table I). When specified, tape can be eliminated.

**3. Insulation: UL Grade Asbestos lap-carded to give required wall. (See Table I). in (2) two passes.
~~NOTE: When White alone is specified on order, glass braid is not required.~~

4. Manufacturer's Identification:
4.1-Type: Black & White twisted marker threads.
4.2-Application: Beneath the asbestos insulation.

NOTE: When UL-AWM 5064 is required, use a Brown Temperature Marker also.
When UL-AWM 5065 or 5031 is required, use a Black Temperature Marker also.

5. Finish: The asbestos insulated conductor shall be Impregnated with #4B Clear Silicone Emulsion in 2 passes. Colored as ordered.

NOTE: For Knapp Monarch P/N N27-101, N27-112 & N27-113, the new Flame Resistant 10-1 Silicone Emulsion must be used.

PLAINTIFF'S EXHIBIT E-288

0081

SC-ELEC-06472

Optional

6. Braid over Insulated Conductor:
   6.1-Type: Fiberglass colored as specified on the order.
   6.2-Size: 150-1/0
   6.3-Ends: 3
   6.4-Carriers: 16
   6.5-Picks/Inch: (See Table I)

7. Finish over Braid:
   7.1-Type: #1717A Lacquer (Silicone Lacquer when specified on the order.)
   7.2-Application: Directly over the braid in 2 passes.

8. Inspection:
   8.1-Test per CSA Std. 22.2 No. 28-1964

9. Preparation for Delivery:
   9.1-Lengths: As specified on factory order
   9.2-Reels: As specified on factory order
   9.3-Packaging: Standard Commercial Practice unless otherwise specified on factory order.

10. Marking:
    10.1-Each coil or reel to contain CSA Tag marked with the following:
    1. A.I.W. Corp.
    2. Black & White Marker Threads
    3. Date of Mfg. by Month and Year
    4. A-16(a)
    5. AWG Number or Size
    6. 300 Volts
    7. Max. temperature rating: (150C for wires with strands less than .015" dia.; 200C for wires with copper strands larger than .015" dia. for all nickel wires.
    8. CSA Insulated Wire Labels equal to the footage ± 10%.

NOTE: When specified on the order, this wire may be tagged and labelled UL Approved as per Table I.

Changed By: R. Brien

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