1st copy - follow-up; file New Materials
2nd copy - file Chron. File

PLAINTIFF'S EXHIBIT 8-109

MEMO TO: D. A. Charlotte — August 24, 1954

CC: R. E. Wing, A. Hubbard, W. D. Parker, W. W. Gaylord, R. B. Miniter, File (2)

SUBJECT: 12-Cut Asbestos Braiding Yarn - Underwriters Grade - With Glass Core Thread - Sample L6194 Asbestos Yarn

At my request the Purchasing Department asked Raybestos-Manhattan for price information on this yarn. In order to answer this inquiry, Raybestos-Manhattan ran this sample lot, establishing their price at $1.73 per pound. They have sent the sample to us for our inspection, and it has been delivered to D. A. Charlotte.

My thought is that this material might possibly be used for Engineering Project No. 5313, where we have outer coverings on our cables of asbestos braid treated with silicone varnishes, in place of the cotton core nylon yarn now used. This thinking applies to all cables with this construction.

(1) Please have the cut checked by Quality Control and a (2) short sample run made on the material to determine if we can handle it satisfactorily on our present production equipment.

(3) On any experimental construction for which you wish to use this material the flexibility of the finished cable should be checked against that of the similar construction made with the cotton core nylon thread. There is a chance that by using this glass core thread we might solve some of our troubles on the over-baked TPA or TRPA wires.

J. F. McCLELLAND, JR.

A.

8/31 - WDP carrying out complete check including check of cut & will issue report. Part of material braided ready to apply to wire but DAC hasn't decided what to use it on yet.

9/13 - DAC has not yet made decision on what constr. to use this yarn on.

9/27 - Ditto

10/12 - Ditto

11/1 - Ditto

12/15 - Ditto

1/31/55 - per DAC, FGS is trying to find a place to run this.

3/3/55 - FGS still trying to get this in wire

3/21/55 - status unchanged

4/7/55 - Ditto

5/5 -

RBB 01177

SC-ELEC-02390

ROCKBESTOS PRODUCTS CORPORATION

P.O. DRAWER 5102 NEW HAVEN 4, CONN. U.S.A.

CUSTOMER'S ORDER NO. ENGRG. PROJ. 537&554

DATE OF ORDER 1/26/56

REQUISITION NO.

REPRESENTATIVE

REPRESENTATIVE'S NO.

ACKNOWLEDGMENT

OUR ORDER NO. R.P.C. 6359-A R.P.C. 6359-A

NO. OF INVOICES

BILL OF LADING TO

MARK PACKAGE

J.T. McClelland

SOLD TO ROCKBESTOS PRODUCTS CORPORATION
NICOLL AND CANNER STREETS
NEW HAVEN, CONNECTICUT

SHIP TO

SHIP VIA

AND ROUTE

TERMS SEE STICKER

INVOICES TO

NO DISCOUNT ON REELS

PARTIAL (D)

MEMO

QUANTITY		UNIT PRICE	
	CANCELS & SUPERSEDES O.O. # R.P.C. 6359 DTD 7/21/55.	MEMO	
	ENGINEERING PRODUCTS 53 AND 554.		
	THIS ORDER FOR #10 AWG IS BEING ENTERED INASMUCH		
	AS OUR PRESENT EQUIPMENT IS NOT ADAPTED TO EXTRUSION		
	OF SILICONE RUBBER ON SIZES LARGER THAN #10 AWG.		
ITEM 1			
5000 FT.	#10 AWG 7/.038 G/G PLAIN COPPER 600 V 125 DEG. C		
	POWER CABLE .015" FELTED ASBESTOS (CLEAR G & G-2		
	COMPOUND) .030" EXTRUDED SILICONE RUBBER		
	SPECIAL ASBESTOS BRAID (VY12CG) FINISH TO BE		
	DETERMINED BY RESEARCH DEPT.		
	SPEC. V N 1 5 8 (CU 160#)		
	TO BE ELEC. INSPECTED BY RESEARCH DEPT. PER		
	G.E. BULLETIN ENTITLED "SILICONE RUBBER WIRE		
	& CABLE PAGES 3 AND 5		
	FACTORY AND RESEARCH DEPTS NOTE		
	FELTED ASBESTOS WALL TO BE APPLIED BY PRODUCTION		
	DEPT. BALANCE OF OPERATIONS TO BE DONE BY RESEARCH		
	DEPT. 100 LBS. OF VY12CG HAS ALREADY BEEN ORDERED		
	ON VERBAL INSTRUCTIONS OF A.C. TIDA		

over 16 Reels

2/15 - per Rpt. time to Research

THIS IS AN ACKNOWLEDGMENT NOT AN INVOICE

SEE REVERSE SIDE FOR GENERAL TERMS AND CONDITIONS OF SALE

Please accept our thanks for this order - This form is an exact copy of your order as placed with our factory - INVOICE WILL BE MAILED AT TIME OF SHIPMENT.

Form 89A 5M 1-55

RBB 01178

File

EP 554 - Silicone rubber power cable — Research

Use of 12-cut asbestos braiding yarn - Underwriters Grade - glass core thread - sample L6194 asb. yarn in conjunction with sample of VM158 - 00 #6359-A

REF: JFM's 8/24/54 memo - 12-cut asb. braiding yarn

4/2/56 - per AH, sample of cable completed and placed on test

7/12/56 - per AH, tests still under way

~~8/21/56~~ - no change from 7/12 status

Question N.S.M. as to UL viewpoint. He and CRB discussed this coming in July with UL

1/8 - I'm doing nothing until I hear a call for further action from JFM, N.S.M. & Sales.

2/11 - The ball is back in my lap. I'll advise JFM of status

~~2/18~~ -

3/13 - Same status

RBB 01180

EP ~~536~~ 554 - Silicone rubber power cable — Research

5,000 ft. VM158 made on OO #6359-A - #10 FA-silicone rubber-asb. braid power cable. Reported completed by Research on 4/7/56 and tests under way.

7/11/56 - per AH tests still under way and should be complete by end of August.

11/5/56
~~8/27/56~~ - will check status

12/3/56

2/11

RBB 01181