

STANDARD DRAWING

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TA-100

USED ON

PROJECT NO.

ASS'Y. NO.

DATE

TMC No.	A	MFG. No.	WIDTH
TA-100-1	33		1/4
TA-100-2	33		1/2
TA-100-3	33	Z9R	3/4
TA-100-4	33		1
TA-100-5	33		1 1/4
TA-100-6	33		1 1/2
TA-100-7	33		1 3/4
TA-100-8	33		2

A - S 401 - 299
 B - S 401 - 513

Ref. MINNESOTA MINING CO.

REQ. ITEM	PART NO.	SYMBOL
THE TECHNICAL CORP. MANHATTAN NEW YORK		
VINYL PLASTIC MATERIAL	TAPE - - VINYL PLASTIC	
STOCK SIZE	BLACK	
WEIGHT PER FC.	C.D.D	
TYPE & TEMPER	G.T.O	
HEAT TREAT. SPEC.	ELEC. RES. APP.	
FINISH & SPEC. NO.	CHECKED	
	DRAWN	
	MECH. DES. APP.	
	FINAL APPROVAL	
		TA-100

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
A	ADDED MFR CODES	8-9-70	19865	GE	W
TOLERANCES					
SCALE					
DEC. DIM. ±					
FRAC. DIM. ±					
ANGULAR DIM. ±					
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

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STANDARD DRAWING
STANDARD

TA-100

A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE

TMC No.	A MFG. No. B	WIDTH
TA-100-1	33	1/4
TA-100-2	33	1/2
TA-100-3	33 29R	3/4
TA-100-4	33	1
TA-100-5	33	1 1/4
TA-100-6	33	1 1/2
TA-100-7	33	1 3/4
TA-100-8	33	2

A-5401-299

B-5401-513

Ref. MINNESOTA MINING CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP.	
			MAMARONECK, NEW YORK	
STOCK SIZE				
VINYL PLASTIC			TAPE -- VINYL PLASTIC	
MATERIAL		WEIGHT PER PC.		
			BLACK	
TYPE & TEMPER			CDD	G.T.O
DRAWN				10/20/52
ELEC. DES. APP.				
MECH. DES. APP.				
HEAT TREAT. SPEC.			FAISe	
CHECKED				
FINAL APPROVAL				
FINISH & SPEC. NO.				A

A	ADDED MFR CODES	89-70	19965	GE	W	W	
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

TA-100

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

TA-101

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE

T.M.C. NO.	MFG. NO.	WIDTH
TA-101-1	365	1/4
TA-101-2	365	1/2
TA-101-3	365	3/4
TA-101-4	365	1
TA-101-5	365	1 1/4
TA-101-6	365	1 1/2
TA-101-7	365	1 3/4
TA-101-8	365	2

REF.: MINNESOTA MINING CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		#		
		STOCK SIZE		
		FIBERGLASS		
		MATERIAL	WEIGHT PER PC.	
		#		
		TYPE & TEMPER		
		#		
		HEAT TREAT. SPEC.		
		#		
		FINISH & SPEC. NO.		

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
TAPE, FIBERGLASS		
THERMO SETTING ADHESIVE		
C.O.D. 10/7/52		
DRAWN	ELEC. DES. APP.	MECH. DES. APP.
CHECKED	FINAL APPROVAL	
	TA-101	

ISSUE ITEM CHANGED FROM DATE CN. NO. DRAFTS CHECKER ENG. APP.

TOLERANCES

SCALE

ALL OTHERS

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

TA-102

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE

TMC NO	CAT. NO.	WIDTH
TA-102-1	No. 3	1/4
TA-102-2	"	3/8
TA-102-3	"	1/2
TA-102-4	"	5/8
TA-102-5	"	3/4
TA-102-6	"	7/8
TA-102-7	"	1
TA-102-8	"	1 1/4
TA-102-9	"	1 1/2

TYPE OF BACKING - YELLOW FLAT BACK (.004" ROPE)
THICKNESS (MILS) - 6
TENSILE STRENGTH lb. PER INCH - 40
ELONGATION % AT BREAK - 5
ADHESION, OZ./IN. - 60
INSULATION RESISTANCE, MEGOHMS - 50
DIELECTRIC STRENGTH, VOLTS - 1500
ELECTROLYTIC CORROSION FACTOR - .95

MINNESOTA MINING & MFG. CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		PAPER	"SCOTCH" ELECTRICAL TAPE	
		MATERIAL	WEIGHT PER PC.	
		TYPE & TEMPER	C.D.D. 4-1-53	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			M.H.S.	
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
				TA-102
		FINISH & SPEC. NO.		

ISSUE ITEM CHANGED FROM DATE CN. NO. DRAFTS CHECKER ENG. APP.

TOLERANCES

SCALE

ALL OTHERS

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

TA-103

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
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TMC NO.	CAT. NO.	WIDTH
TA-103-1	NO. 5	1/4
TA-103-2	"	3/8
TA-103-3	"	1/2
TA-103-4	"	5/8
TA-103-5	"	3/4
TA-103-6	"	7/8
TA-103-7	"	1
TA-103-8	"	1 1/4
TA-103-9	"	1 1/2

TYPE OF BACKING - POLYESTER FILM.
 THICKNESS (MILS) - 3
 TENSILE STRENGTH - lb. PER INCH - 35
 ELONGATION (STRETCH) - 150
 ADHESION, OZ./IN. - 30
 INSULATION RESISTANCE, MEGOHMS - 100,000
 DIELECTRIC STRENGTH, VOLTS - 5500
 ELECTROLYTIC CORROSION FACTOR - 1.0

MINNESOTA MINING & MFG. CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	#		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
	POLYESTER FILM	#	"SCOTCH" ELECTRICAL TAPE	
	MATERIAL	WEIGHT PER PC.		
		TYPE & TEMPER	C.D.D. 4-1-53	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
			M.H.S.	
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
				TA-103
		FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE #				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

TA-106

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
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TMC NO.	WIDTH	COLOR
TA-106-1	1/4"	
-2	3/8"	
-3	1/2"	
-4	5/8"	
-5	3/4"	
-6	7/8"	
-7	1"	
-8	1 1/4"	
-9	1 1/2"	

REF:

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP.	
			MAMARONECK. NEW YORK	
STOCK SIZE			TAPE, FRICTION	
		MATERIAL	WEIGHT PER PC.	
			C.D.D. 12-23-54	
TYPE & TEMPER			DRAWN	
			ELEC. DES. APP.	
			MECH. DES. APP.	
HEAT TREAT. SPEC.			CHECKED	
			FINAL APPROVAL	
FINISH & SPEC. NO.			TA-106	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
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TOLERANCES

SCALE

ALL OTHERS
 DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

TA-107

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
KS-85-X	J-227		1/4/54

REF: GE-# 362 OR EQUAL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE	RUBBER TAPE	
		MATERIAL	WEIGHT PER PC.	
		TYPE & TEMPER	DATE 1/4/55	WDE
			DRAWN	ELEC. DES. APP.
			COO 1/4/55	MECH. DES. APP.
		HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		TA-107

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

SCALE

ALL OTHERS
DEC. DIM. \pm
FRAC. DIM. \pm
ANGULAR DIM. \pm

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

DEC. DIM. \pm
 FRACTIONAL DIM. \pm
 ANGULAR DIM. \pm

REMOVE ALL BURRS AND SHARP EDGES
 WILL BE CAUSE FOR REJECTION.
 BEEN DETERMINED AND ANY DEVIATIONS
 MAXIMUM ALLOWABLE TOLERANCES HAVE

ISSUE ITEM		CHANGED FROM		DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:						
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.				
DRAWN		CHECKED		ELEC. DES. APP. MECH. DES. APP.				
DESCRIPTION		PART NO.		REQ. ITEM				
MATERIAL		STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TAP, THERMOSETTING				FINAL APPROVAL				
SYMBOL				TA-108				

MINNESOTA MINING & MFG. CO. "SCOTCH" # 27

GENERAL PROPERTIES - GREAT MECHANICAL
 STRENGTH AND HIGH HEAT RESISTANCE.

BACKING - GLASS CLOTH
 ADHESIVE - THERMOSETTING
 THICKNESS - 7 MILS
 TENSILE STRENGTH - 150 LBS/IN.
 ADHESION - 20 OZ/IN.
 INS. RES. - 2000 MEGOHMS
 DIELECTRIC STRENGTH - 1800 VOLTS
 ELECTROLYTIC CORROSION FACTOR - .95

STANDARD DRAWING

USED ON	ASSY. NO.	MODEL	UNIT PER
DATE			
TA-108			

TMC NO.	CAT. NO.	WIDTH
	TA-108-1	1/4
		3/8
		1/2
		5/8
		3/4
		7/8
		1"
		1 1/4
		1 1/2
		1 3/4
		2"

STANDARD DRAWING

REQ. PER UNIT	USED ON		TA-110
	1 st MODEL	ASS'Y. NO.	
	ATS		

SPECIFICATIONS

Type Electrical - Rayon Reinforced Acetate Film.
Backing 1.5 Mil Clear Cellulose Acetate Film
 Reinforced w/300 denier rayon strands.
Adhesive Transparent Rubber Base Adhesive, both
 heat curing & pressure sensitive.
Tensile Strength — 225 lbs./in. width
Elongation — 16%
Adhesion — 25 ozs./in. width
Thickness — 11 Mils
Insulation Res. — 25 Megohms
 (96% Relative Hum.)
Indirect Electrolytic Corrosion — 40,000 μ mhos
 (96% Relative Hum.)
Dielectric Strength — 6,000 Volts
Color — Clear

TA-110-4
 TMC DWG. WIDTH (in 1/4's)
 NO.

Example - TA-110-6 = Tape, 1 1/2" wide (3/4)

Ref - PERMACEL TAPE CORP. # P246

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL					
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TAPE, RAYON ACETATE						
									STOCK SIZE							
									MATERIAL							
										16 ^{12/30/57}	AST					
TOLERANCES			SCALE: <u> </u>					TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
DEC. DIM. \pm			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES													
FRAC. DIM. \pm																
ANGULAR DIM. \pm																
								FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TA-110				

THICKNESS CHART			MFG. CODE		COLOR CHART		REQ. PER UNIT	USED ON			TA 111	B
THICKNESS	CODE	CODE	COLOR SEE NOTE	CODE	MODEL	ASS'Y. NO.		DATE				
1/8"	1	761	BLACK	A								
1/4"	2	763										
3/8"	3	765	CREAM-WHITE	C								
1/2"	4	766										
WIDTH CHART					GREY	G						
WIDTH (IN.)	CODE											
1/4	2											
3/8	3											
1/2	4											
3/4	6											
1	8											
1-1/4	10											
2	16											
4	32											
6	48											
22	22											

Material - Plastic Foam (Polyurethane)
 Max. Service Temp. - Continuous, 212°F dry Heat
 140°F wet Heat
 Melting Point - Between 296°F & 330°F.

AVAILABILITY NOTE:
 COLOR "G" ONLY (WIDTHS 10, 16, 22, 32, 48)
 COLOR "A", "C", OR "G" (WIDTHS 2, 3, 4, 6, 8)

Type Designation to be as follows:

TA 111 - 2 - 4 - 5.00 C

TMC DWG. NO. THK. WIDTH LENGTH COLOR
 (See Chart) (See Chart) (inches) (See Chart)

Purch. Info. - 1/4 & 1/8 THK. Avail. in 33 ft. Rolls.
 3/8 & 1/2 THK. Avail. in 18 ft. Rolls.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
B	COMPLETELY REVISED	8-22-67 18468 H.G. <i>[Signature]</i> EFM	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK TAPE, URETHANE
A	THICKNESS & WIDTH CHARTS REVISED W/CHANGES	1/2/64 10687 <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>	
ISSUE ITEM	CHANGED FROM	DATE CH. NO. DRAFTS CHECKER ENG. APP.	
TOLERANCES		SCALE: 5401-447	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			16 5/2/58 <i>[Signature]</i> A.J.J. TA 111
			B

REQ. PER UNIT	USED ON			TA-112
	MODEL	ASS'Y. NO.	DATE	

PROPERTY

VALUE

Caliper .0025"
 Tensile Strength 30 lb/in.
 Elongation 130%
 Shrinkage (@300°F.) 2-3% *
 Heat Bonding Time (@300°F.) 5-30 minutes **
 Dielectric Strength 4500 volts/mil
 Dielectric Constant 2.3
 @ 30°C. 50% RH-60 Cycles
 Dissipation Factor .001
 @30°C. 50% RH-60 Cycles
 Solvent Resistance Excellent ***
 Water Absorption 0.1%
 Volume Resistivity 10^{16} ohm-cm
 @30°C. 50% RH
 Moisture Vapor Transmission 0.3 gms/100 sq.in./24 hrs.
 Copper Corrosion None
 Corrosion Factor 1.00
 Insulation Resistance 10^6 megohms

Type Designation in Following Form

TA-112-1

BASIC TMC PART NO. WIDTH (in inches)
 Note - any width from 1" to 19" in increments of 1"

Purch. Note - Purchase in std. Lengths of 72 Yds. w/ width as desired.

Ref-SCOTCH - Scotchweld (3M) # X-1078

* When applied without elongation

** Bonding temperature will vary depending on the mass and heat capacity of the unit. Lower temperatures require longer bonding times. Curing temperatures lower than 200°F. are not recommended. Bonding time may be 10 minutes to 60 minutes for temperatures of 230°F. to 250°F.

*** Ketones, esters, and chlorinated solvents may show some effects when used at temperatures in excess of 50°C.

								REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL				
								THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK								
								TAPE, ELECTRICAL FILM								
								MATERIAL								
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.				16	JDe				
TOLERANCES			SCALE:					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									TA-112				
FRAC. DIM. ±																
ANGULAR DIM. ±																
								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP				

STANDARD DRAWING

TMC NO.	CAT. NO.	WIDTH	LENGTH	REQ. PER UNIT	USED ON			TA114	Ø
				MODEL	ASS'Y. NO.	DATE			
TA-114-1	No. 810	3/8"	36 YDS.		LFS		6/16/64		

CONSTRUCTION:

BACKING: Cellulose acetate film.
 ADHESIVE: Firm synthetic adhesive.
 COLORS: Translucent (matte finish).

PHYSICAL PROPERTIES: (UU-P-31)

ADHESION TO STEEL: 20 oz./in. width
 TENSILE STRENGTH: 15 lb./in. width
 TOTAL THICKNESS: 0.003 in.
 ELONGATION AT BREAK: 15 %

BRAND- SCOTCH (MENDING TAPE)

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	GELLMAN DESCRIPTION	SYMBOL			
Ø	ORIGINAL RELEASE FOR PRODUCTION	6/17/64	Ø	A.M.				— # —	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
X	EXPERIMENTAL RELEASE	6/16/64	X	A.M.	@	<i>[Signature]</i>		— # —		TAP, PRESSURE SENSITIVE			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE	— # —							A. MARINO @ 6-17-64 <i>[Signature]</i>			
	DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	TOLERANCES	CODE	S401-299				— # —	DRAWN <i>[Signature]</i>	CHECKED 6/17/64	FINAL APPROVAL TA114	Ø
									TYPE & TEMPER	HEAT TREAT. SPEC.	ELEC. DES. APP.	MECH. DES. APP.	
									FINISH & SPEC. NO.				

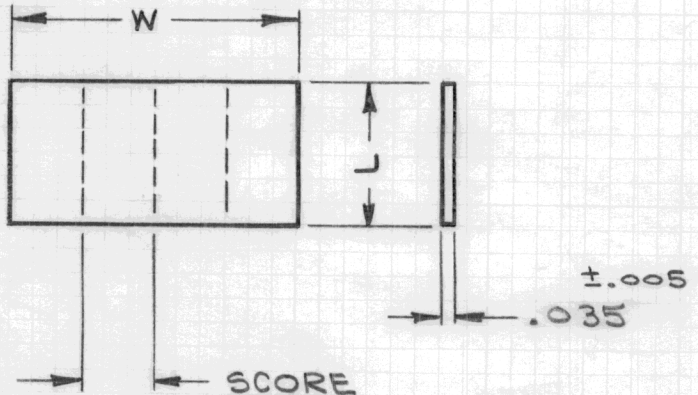
REQ. PER UNIT	USED ON			TA115	Ø
	MODEL	ASS'Y. NO.	DATE		
	VLRB-1	A3930	11-12-64		
	VLRB-1	A3931	11-12-64		

TMC PART NO.	"L"	"W"	SCORE	ORIFICE	USE
TA115-1	1 7/8	ROLL	NONE	----	-----
TA115-2	1 7/8	3 3/8	27/32	----	TA115-1
TA115-3	1 11/16	2 1/2	5/8	2 1/2	-----

MATERIAL:
 POWDERED IRON (MAGNETITE) WITH A FLEXIBLE RESIN BINDER ON KRAFT PAPER TAPE WHICH IS .004 ± .0005 THICK.

TAPE MAY BE PURCHASED CUT TO SIZE WITH SCORE OR BY ROLL UNSCORED. (SEE CHART)

APPLICATION: SHIELDING OF CANS ON RF AND IF TRANSFORMERS.

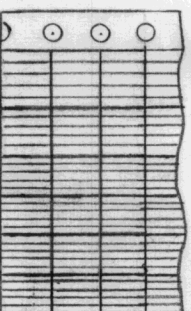
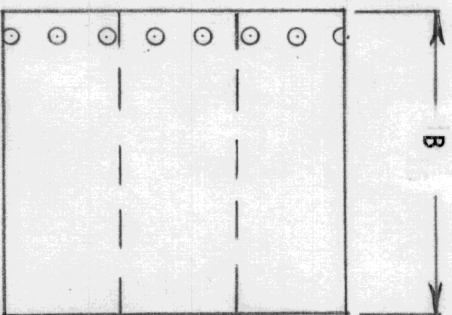
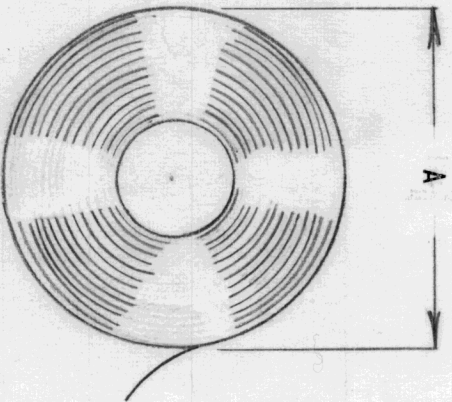


Ø ORIGINAL RELEASE FOR PRODUCTION	3/8/65	AA	JL			
X2 .035 was .040	3/8/65	X2	100	ms		
X1 QTY/UNIT DELETED	12-9-64	X1	G.D.L			
X EXPER. RELEASE	11-2-64	X	Plan			
SYM DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE NONE				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	S401-330		

REQ. ITEM	PART NO.	O. POSE	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	SEE NOTES		SHIELDING TAPE, FLEXIBLE	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
				TA115 Ø
FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.		

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	PFCB-1		X	EXP. RELEASE	12-11-67	-	HS		
			Ø	ORIGINAL RELEASE	9/26/69		CS		

TMC P/N	TMC MEGR CODE NO.	CATALOG NO.	TYPE	LENGTH	A	B
TA117-1	S401-328	1606-8	50 DIVS	63"	I-3/4	I-9/16



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS
 .X ± .05
 .XX ± .01
 .XXX ± .005

FRACTIONS
 1/64
 TOLS. ANGLES
 ° .30'

FINAL APPROVAL *[Signature]* DATE 9/26/69
 MECH. DES. DATE
 ELECT. DES. DATE

FINISH

CHECKED DATE
 DRAWN *[Signature]* DATE 12-11-67

REQ'D ITEM PART NUMBER DESCRIPTION SYM.
 LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

TAPE, RECORDING

NOTICE TO PERSONS RECEIVING THIS DRAWING
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SIZE CODE IDENT. NO. DWG NO. ISSUE
 A 82679 TA 117 Ø

SCALE 1:1 SHEET OF

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

TA-104

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

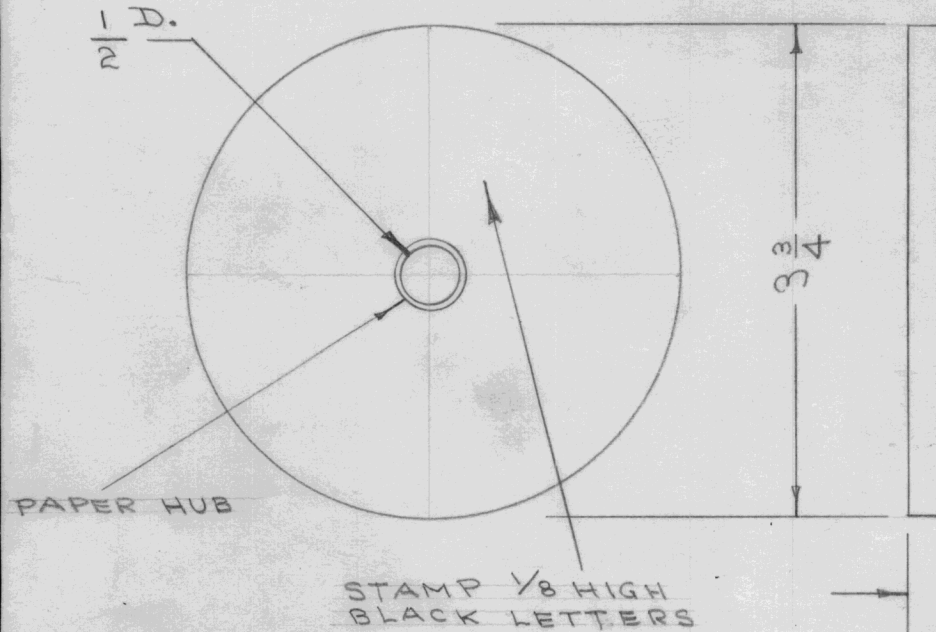
USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE



DIMENSIONS FOR REF. ONLY

THE TECHNICAL MATERIEL CORP.
PART NO TA-104

REF.: LINK PAPER CO.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		.0003 THK.	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
	PAPER	#	TAPE, INK RECORDER	
	MATERIAL	WEIGHT PER PC.		
		#		
		TYPE & TEMPER	C.D.D. 5-7-53	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	NO. 5-7-53	
			CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		TA-104

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE #				
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±		DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

STANDARD DRAWING

TA-105

A

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

USED ON

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
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TMC. NO	WIDTH
TA-105-1	1/2"
TA-105-2	3/4"
TA-105-3	1/4"

"SCOTCH" MASKING TAPE

MINN. MINING & MFG. CO. NO. 202

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
			TAPE, MASKING	
		MATERIAL	(WET OR DRY)	
		WEIGHT PER PC.		
		TYPE & TEMPER	CTD 1-13-54	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	Jade	WSP
			CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		TA-105 A

A	1	TA-105-3 Added	3/15/57	1	Jade	WSP
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.

TOLERANCES		SCALE	
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.	