

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

STANDARD DRAWING

LU-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

MOLYKOTE - TYPE G.

TMC No.	Net Content	Packed In
LU-100-1	1/2 lb.	CAN, 1/2 Pint
LU-100-2	4 lbs.	CAN, 1 Quart
LU-100-3	15 lbs.	CAN, 1 Gallon
LU-100-4	50 lbs.	CAN, 5 Gallon
LU-100-5	7/10 - oz.	TUBE
LU-100-6	2 - oz.	TUBE
LU-100-7	10 - oz.	JAR

Ref: THE ALPHA CORP. Greenwich, Conn.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		#	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		GREASE	GREASE, MOLYBDENUM - BASE	
		MATERIAL	WEIGHT PER PC.	
		MOLYBDENUM-DISULFIDE		
		TYPE & TEMPER	C.O.D. 8-19-52	
			DRAWN	ELEC. DES. APP. MECH. DES. APP.
		HEAT TREAT. SPEC.	AD-8-18-52	
			CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		LU-100

A	I	LU-100-5,6,7 Added	3-861	4351	RU	QC/B	DB
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

LU-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

LIQUI-MOLY

Ref: THE LOCKREY CO., SOUTHAMPTON, NEW YORK

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		ONE-HALF PINT	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE		
		LIQUID	OIL, MOLYBDENUM-BASE	
		MATERIAL		
		WEIGHT PER PC.		
		MOLYBDENUM-DISULFIDE		
		TYPE & TEMPER		

		HEAT TREAT. SPEC.		

		FINISH & SPEC. NO.		

JAR 8-18-52 *PDS*

DRAWN ELEC. DES. APP. MECH. DES. APP.

JAR 8-18-52

CHECKED FINAL APPROVAL

LU-101

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.				

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

STANDARD DRAWING

LU-102 | 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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ALUMINUM ANTI-SEIZE COMPOUND

Ref. Aluminum Company of America

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	1/2	Pound Tubes	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		— —	ALUMINUM ANTI-SEIZE COMPOUND	
		MATERIAL	WEIGHT PER PC.	
		— —		
		TYPE & TEMPER		
		— —		
		HEAT TREAT. SPEC.		
		— —		
		FINISH & SPEC. NO.		

A	I	STOCK WAS 1/2 POUND JARS	8-19-63	9810	AK	JNY	JNY
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.			

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
CHECKED	FINAL APPROVAL	
	LU-102	A

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

STANDARD DRAWING

LU-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

BEACON LUBRICANT 325

REF.: ESSO STANDARD OIL CO. - IN ACCORDANCE WITH AN-SPEC., AN-G-25

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		//	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
		//	BEACON LUBRICANT 325	
		MATERIAL		
		WEIGHT PER PC.		
		//		
		TYPE & TEMPER	16 11-7-52	
		//		
		HEAT TREAT. SPEC.	11/14/53	
		//		
		FINISH & SPEC. NO.		

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.				

LU-103

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

STANDARD DRAWING

LU-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

COMPOUND #7 (SILICONE)
 WHEN USED AS A MOLD RELEASE AGENT, A THIN FILM SHOULD BE APPLIED. TO ASSURE A SMOOTH SURFACE, THIS FILM SHOULD BE WIPED WITH A CLEAN CLOTH. ENOUGH COMPOUND WILL REMAIN TO INSURE GOOD MOLD RELEASE.

REF: DOW CORNING COMPOUND #7

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE		
			LUBRICANT (MOLD RELEASE)	
		MATERIAL		
		WEIGHT PER PC.		
		TYPE & TEMPER	C.I.D. 12-5-52	
			G.T.O	
			DRAWN	
			ELEC. DES. APP.	
			MECH. DES. APP.	
		HEAT TREAT. SPEC.		
			CHECKED	
			FINAL APPROVAL	
		FINISH & SPEC. NO.		LU-104

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.				

REQ. PER. UNIT	USED ON			LU-105	A
	MODEL	ASS'Y. NO.	DATE		

LU105

AMPHENOL 53-307 SILICONE COMPOUND is excellent for electrical parts requiring treatment for protection against corona cutting or for moisture-proofing. Will adhere to any dry surface; does not damage metal, vinyl, cable dielectric or conventional rubber. It does not harden or crack at - 40°F and is effective at + 400°F. Insoluble in lubricating oils and antifreeze liquids, but can be removed for reapplication by gasoline, benzol or carbon tetrachloride.

LU105-2

GENERAL ELECTRIC (RTV 102) SILICONE COMPOUND ADHESIVE/SEALANT.

Shelf Life: one year 80°F or below

Set Time: ten minutes

Cure Time: eight hours

Tensile Strength: P51 350

Shrinkage % 1.0

Durrometer, Shore A 30

Volume Resistivity, OHM-CM 3×10^{15}

Elongation, % 400

TMC P/N

LU105

LU105-2

MFR (TMC CODE NO.)

S401-71

S401-40

							REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL			
										THE TECHNICAL MATERIEL CORP.						
							STOCK SIZE			MAMARONECK, NEW YORK						
										SILICONE, COMPOUND						
							MATERIAL									
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN	CHECKED	FINAL APPROVAL				
	A	LU105-2 ADDED	9-23-68	19046	R.G.	JA	EFM			JA	11/1/59	CWB				
TOLERANCES			SCALE:				TYPE & TEMPER		HEAT TREAT. SPEC.				LU-105			
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										A			
FRAC. DIM. ±																
ANGULAR DIM. ±																
							FINISH & SPEC. NO.			ELEC. DES. APP		MECH. DES. APP				

REQ. PER UNIT	USED ON			LUI06	Ø
	MODEL	ASS'Y. NO.	DATE		
	GPT-40K				

SPECIFICATIONS

MATERIAL: LITHIUM TYPE GREASE
 APPLICATIONS: GENERAL GREASING UNDER NORMAL CONDITIONS
 AVERAGE WORKED PENETRATION: 315
 NLGI NUMBER: ONE
 MELTING POINT: +340°F (+171°C)
 MINIMUM OPERATING TEMP: 0°F (-17.8°C)
 WATER REPELLENT: YES
 PSI: 25,000

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
	ONE POUND CAN	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE		
Ø	SEE SPECS.	GREASE, AIRCRAFT & INSTR.	
SYM	DESCRIPTION	DATE	CH. NO. DRAFTS CHECKER ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A	S401-334 (630-AA)
TOLERANCES			
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		DRAWN	CHECKED
		FINAL APPROVAL	
		10-29-64	Ø LL
		10-28-64	RT
		10/28/64	LUI06 Ø

REQ. PER UNIT	USED ON			LU107	Ø
	MODEL	ASS'Y. NO.	DATE		

STANDARD DRAWING

LUBRICANT, WIRE PULLING

PROPUL INSTANT WIRE PULLING LUBRICANT

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL				
								---	THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK					
								STOCK SIZE						
Ø	ORIGINAL RELEASE FOR PRODUCTION	10-14-64	Ø	---	@			---	GREASE, PROPYLENE GLYCOL					
								MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE							---	---	---			
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	S401-324					---		FRD		LU107	Ø
								FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.			

APPLICATION		REVISIONS							
QTY	MODEL USED ON	ASSY NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	LPA - 2		X	EXP. RELEASE	10/8/69		KTT		
			Ø	ORIGINAL RELEASE	10/11/69		CU		

TMC MFG CODE #: S 401 - 505
 MFG P/N: ANDEROL # 495
 BATCH # 10452

DESCRIPTION: SYNTHETIC OIL
 ANDEROL # 495

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 TOLS. ANGLES 0° - 30'	FINAL APPROVAL	DATE	LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SYNTHETIC OIL			
MATERIAL	MECH. DES.	DATE				
FINISH	ELECT. DES.	DATE				
	CHECKED	DATE				
	DRAWN	DATE				
NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.			SIZE A	CODE IDENT. NO. 82679	DWG NO. LU 108	ISSUE Ø
SCALE			SHEET	OF		