

SIZE	INSIDE DIAMETER			TMC SIZE CODE
	MAX.	MIN.	NOM.	
No. 24	0.027	0.020	0.022	022
No. 20	0.039	0.032	0.034	034
No. 18	0.049	0.040	0.042	042
No. 17	0.054	0.045	0.047	047
No. 16	0.061	0.051	0.053	053
No. 15	0.067	0.057	0.059	059
No. 14	0.072	0.064	0.066	066
No. 13	0.080	0.072	0.076	076
No. 12	0.089	0.081	0.085	085
No. 11	0.101	0.091	0.095	095
No. 10	0.112	0.102	0.106	106
No. 9	0.124	0.114	0.118	118
No. 8	0.141	0.129	0.133	133
No. 7	0.158	0.144	0.148	148
No. 6	0.178	0.162	0.166	166
No. 5	0.198	0.182	0.186	186
No. 4	0.224	0.204	0.208	208
No. 3	0.249	0.229	0.234	234
No. 2	0.278	0.258	0.263	263
No. 1	0.311	0.289	0.294	294
No. 0	0.347	0.325	0.330	330
3/8 inch	0.399	0.375	0.387	375
7/16 inch	0.462	0.438	0.450	438
1/2 inch	0.524	0.500	0.512	500
5/8 inch	0.655	0.625	0.640	625
3/4 inch	0.786	0.750	0.768	750
7/8 inch	0.911	0.875	0.893	875
1 inch	1.036	1.000	1.018	1000

NOTE: THE MINIMUM INSIDE DIAMETERS SPECIFIED IN CHART FOR SIZES NO. 0 TO 20, INCLUSIVE, ARE THE SAME AS THE DIAMETERS OF COPPER WIRE FOR CORRESPONDING AWG OR "B" AND "S" GAGE SIZES.

NOTES

STANDARD DRAWING

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	S401-236 (HYGRADE VF) S401-235 (BH-4000) S401-389 (VINYLGLASS B)
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
E	REDRAWN & REVISED (WAS 1 SIZE)	3-22-63	8603			
F	IN SPECS. REF TO MIL-I-21557 DELETED	8-26-63	9822			
G	SPECS. REVISED & * NOTE ADD; S401 #3 ADD.	5-7-65	13986			

COLOR CHART		SPECIFICATIONS
CODE	COLOR	
1	BLACK	
2	YELLOW	
3	RED	
4	GREEN	
5	BROWN	
6	BLUE	
7	GRAY	
8	ORANGE	
9	VIOLET	
0	WHITE	

CONSTRUCTION: FIBERGLASS BASE WITH FLEXIBLE VINYL PLASTIC INSULATION.

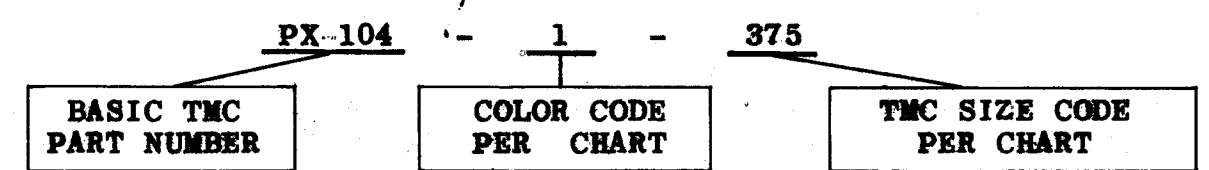
INSULATION: CLASS B (CONTINUOUS OPERATION TO 130°C.)\*

ELECTRICAL GRADE: GRADE B-1 (MINIMUM AVERAGE DIELECTRIC STRENGTH 4000V. 48 HRS/25°C/50% R.H.)

APPLICABLE SPECIFICATIONS: MEETS PERFORMANCE STANDARDS OF MIL-I-3190B, MIL-I-21557, NEMA VS-1-1962 ASTM D372-47T.

\* SHALL NOT BLISTER OR FLOW SUFFICIENTLY (AT 225±7°C) TO REDUCE DIELECTRIC BREAKDOWN BELOW 50% OF THE MINIMUM AVERAGE VALUE... "NEMA VS-1-1962.

T M C PART NUMBER SHALL BE IN THE FOLLOWING FORM:



MFG. REF.	MARKEL & SONS TYPE HYGRADE VF		
	BENTLEY - HARRIS TYPE BH VINYL FLEX 4000		
REQ'D.	ITEM	PART NUMBER	DESCRIPTION

LIST OF MATERIAL			
MATERIAL	FINISH	TITLE	
SEE SPECIFICATIONS	SEE SPECIFICATIONS	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		INSULATION SLEEVING, ELECTRICAL	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	DRAWN: <i>G. Jensen</i> CHECKED: <i>[Signature]</i> ELECT. DES. MECH. DES. <i>[Signature]</i>	DATE: 3-22-63 DATE: 4-2-63 DATE: <i>[Signature]</i> DATE: 4/9/63
FRACTIONS ± 1/64 ANGLES ± 0° 30'		FINAL APPROVAL: <i>[Signature]</i>	DATE: <i>[Signature]</i>
		PX-104	G
		SHEET	REV. LTR.