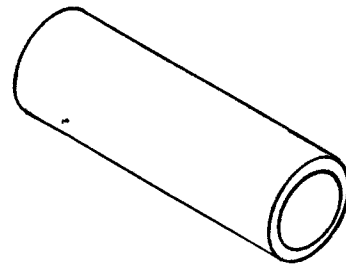


AWG SIZE NO.	INSIDE DIAMETER			WALL THK. NOM.	TMC SIZE CODE
	MAX.	MIN.	NOM.		
24	0.027	0.020	0.022	.012	022
20	0.039	0.032	0.034	.016	034
18	0.049	0.040	0.042	.016	042
17	0.054	0.045	0.047	.016	047
16	0.061	0.051	0.053	.016	053
15	0.067	0.057	0.059	.016	059
14	0.072	0.064	0.066	.016	066
13	0.080	0.072	0.076	.016	076
12	0.089	0.081	0.085	.016	085
11	0.101	0.091	0.095	.016	095
10	0.112	0.102	0.106	.016	106
9	0.124	0.114	0.118	.020	118
8	0.141	0.129	0.133	.020	133
7	0.158	0.144	0.148	.020	148
6	0.178	0.162	0.166	.020	166
5	0.198	0.182	0.186	.020	186
4	0.224	0.204	0.208	.020	208
3	0.249	0.229	0.234	.020	234
2	0.278	0.258	0.263	.020	263
1	0.311	0.289	0.294	.020	294
0	0.347	0.325	0.330	.020	330
5/16 inch	0.334	0.313	0.318	.025	315
3/8 inch	0.399	0.375	0.387	.025	375
7/16 inch	0.462	0.438	0.450	.025	438
1/2 inch	0.524	0.500	0.512	.025	500
5/8 inch	0.655	0.625	0.640	.030	625
3/4 inch	0.786	0.750	0.768	.035	750
7/8 inch	0.911	0.875	0.893	.035	875
1 inch	1.036	1.000	1.018	.035	1000
1-1/4 inch	1.290	1.250	1.270	.040	1250
1-1/2 inch	1.550	1.500	1.525	.045	1500



G  
PX 100

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
F	REVISED & REDRAWN (WAS 1 SIZE)	9-26-63	9819	AK	JAB	WJG
G	S401-235 WAS S401-236, S401-363 WAS S401-233 (REXTRUDE 105)	2.6.65	-	SR	JAB	

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

**SPECIFICATIONS**

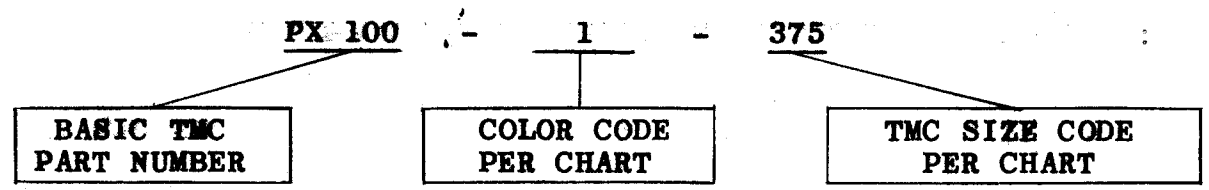
CONSTRUCTION: EXTRUDED POLYVINYL CHLORIDE TUBING

INSULATION: CLASS A (CONTINUOUS OPERATION TO 105°C.)

DIELECTRIC STRENGTH: FOR .016 WALL THK=300V/MIL MIN (96 HRS/23°C/O R.H.) FOR .030 WALL THK=570V/MIL MIN

APPLICABLE SPECIFICATIONS: MEETS PERFORMANCE STANDARDS OF MIL-I-631C, (TYPE F, FORM Ua, GRADE c, CLASS I, CATEGORY 1) & ASTM D876

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



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
--------	------	-------------	-------------	--------

LIST OF MATERIAL				
MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	TITLE INSULATION SLEEVING, ELECTRICAL			
SEE SPECIFICATIONS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN AK	DATE 8-27-63	FINAL APPROVAL <i>[Signature]</i>
SEE SPECIFICATIONS	DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	DATE
		CHECKED JAB	DATE	DATE
		ELECT. DES. L. Sabal	DATE	DATE
				DATE

STANDARD DRAWING		
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	S401-235 (HT105C) S401-363 (SHH)
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.		

**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**