

WIRE SIZE AWG	TMC SIZE CODE	MINIMUM ID BEFORE SHRINKING	RECOVERY ID AFTER SHRINKING	NOM. WALL THICKNESS
24	24	.046	.023	.016
22	22	.063	.031	.017
20	20	USE TMC SIZE 22		
18	18	.093	.046	.020
16	16	.125	.062	.020
14	14	USE TMC SIZE 16		
12	12	.187	.093	.020
10	10	USE TMC SIZE 12		
8	8	.250	.125	.025
6	6	.375	.187	.025
4	4	USE TMC SIZE 6		
2	2	.500	.250	.025
5/16"	312	USE TMC SIZE 2		
3/8"	375	.750	.375	.030
7/16"	437	USE TMC SIZE 375		
1/2"	500	1.000	.500	.035
5/8"	625	USE TMC SIZE 500		
3/4"	750	1.500	.750	.040
7/8"	875	USE TMC SIZE 750		
1"	1000	2.000	1.000	.045

REQ. PER UNIT	USED ON		PX 830	B
	MODEL	ASS'Y. NO.		
	GPR-92		10-16-63	

COLOR	CODE
BLACK	1
RED	2
WHITE	3
YELLOW	4

SHRINK TEMPERATURE	250°F CONTINUOUS
TENSILE STRENGTH	2400 PSI
ULTIMATE ELONGATION	400%
BRITTLENESS TEMPERATURE	-55° F.
SPECIFIC GRAVITY	1.26
WATER ABSORPTION	0.2% *
DIELECTRIC STRENGTH (25 MIL WALL)	1300 VOLTS/MIL
VOLUME RESISTIVITY	5X10 <sup>5</sup> OHM-CM
DIELECTRIC CONSTANT	2.7
FUNGUS RESISTANCE	INERT *
FLAMMABILITY	SELF EXTINGUISHING
CORROSION RESISTANCE	NON-CORROSIVE *

NOTE:  
 1. SHRINKAGE TAKES PLACE WITHIN SEVEN SECONDS AT 275°F. to 300°F.  
 2. LENGTHS AVAILABLE: 4' LENGTH OR REEL LENGTHS UP TO 100 FEET. YELLOW.  
 3. LENGTHS AVAILABLE: 4' LENGTH OR REEL LENGTHS UP TO 100 FEET.

\*When tested to MIL-I-7444B

TMC PART NUMBER SHALL BE IN THE FOLLOWING FORM:

PX 830 - 18 - 3  
 TMC P/N TMC SIZE CODE COLOR (SEE CHART)  
 (SEE CHART)

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
B	REVISED W/CHANGES	9.22.64 12343	AB @ JC
A	DASHES ADDED IN PART NO.	10/16/63 10269	MTA JCB
SYMBOL	DESCRIPTION	DATE	CH. NO. DRAFTS CHECKER ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE S-401-63	(RNF-100) (FIT-221)
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	TOLERANCES	CODE
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		INSULATION SLEEVING, ELECT.	
STOCK SIZE		SHRINK TYPE	
IRRADIATED MODIFIED POLYOLEFIN		MATERIAL	
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
DRAWN		CHECKED	
GDL		JC 10/16/63	
FINAL APPROVAL		BP	
PX 830		B	