

RMW HEAT-SHRINKABLE, MEDIUM WALL, POLYOLEFIN TUBING

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
	D1	REDRAWN PER ECR-22-158635	18NOV2022	VB MB

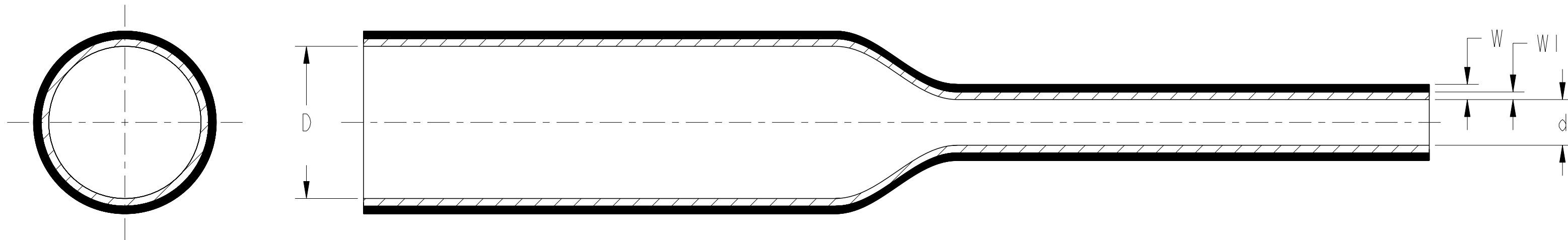


TABLE 1: DIMENSIONS

SIZE	MINIMUM EXPANDED I.D. (D)		MAXIMUM RECOVERED I.D. (d)		NOMINAL RECOVERED JACKET WALL (W MINUS WI)		NOMINAL RECOVERED ADHESIVE WALL (WI)	
	mm.	in.	mm.	in.	mm.	in.	mm.	in.
10/3	10.00	.394	3.00	.118	1.00	.039	0.25	.010
16/5	16.00	.630	5.00	.197	1.40	.055	0.30	.012
25/8	25.00	.984	8.00	.315	2.00	.079	0.35	.014
35/12	35.00	1.378	12.00	.472	2.00	.079	0.35	.014
50/16	50.00	1.969	16.00	.630	2.00	.079	0.35	.014
63/19	63.00	2.480	19.00	.748	2.40	.094	0.40	.016
75/22	75.00	2.953	22.00	.866	2.70	.106	0.40	.016
85/25	85.00	3.346	25.00	.984	2.80	.110	0.40	.016
95/29	95.00	3.740	29.00	1.142	3.10	.122	0.45	.018
115/34	115.00	4.528	34.00	1.339	3.10	.122	0.45	.018
140/42	140.00	5.512	42.00	1.654	3.10	.122	0.45	.018
160/50	160.00	6.299	50.00	1.969	3.20	.126	0.50	.020
180/60	180.00	7.087	60.00	2.362	3.20	.126	0.50	.020
245/80*	245.00	9.646	80.00	3.150	2.40	.094	N/A	N/A
285/135*	285.00	11.220	135.00	5.315	1.40	.055	N/A	N/A

* UNCOATED ONLY

MATERIAL: THE TUBING SHALL BE FABRICATED FROM A MODIFIED IRRADIATED POLYOLEFIN COMPOUNDED TO PRODUCE A HOMOGENEOUS, UNIFORM PRODUCT WHOSE OUTSIDE SURFACE IS ESSENTIALLY FREE FROM FLAWS, DEFECTS, PINHOLES, SEAMS, CRACKS, OR INCLUSIONS.

COLOR: BLACK

NOTE: AVAILABLE WITH ADHESIVE COATING AS WELL AS UNCOATED. SIZES INDICATED WITH * IN TABLE 1 ARE AVAILABLE ONLY AS UNCOATED.

TUBING CUT TO SPECIFIC LENGTHS CAN BE SUPPLIED FROM THE PRODUCT SIZES REFERENCED WITHIN THIS DRAWING.

TABLE 2: PROPERTIES

PROPERTY	UNIT	REQUIREMENT	TEST METHOD
DIMENSIONS	mm/Inch	TABLE 1	ASTM D2671
TENSILE STRENGTH	psi (MPa)	1750 MINIMUM (12)	ASTM D2671
ULTIMATE ELONGATION	PERCENT	350 MINIMUM	ASTM D2671
LONGITUDINAL CHANGE	PERCENT	+5 TO -15 MAXIMUM	ASTM D2671
SPECIFIC GRAVITY	-	1.2 MAXIMUM	ASTM D792
HARDNESS	Shore D	40-60	ASTM D2240
LOW TEMPERATURE FLEXIBILITY 4 HRS @ -40°C	-	NO CRACKING	ASTM D2671
HEAT RESISTANCE 168 H @ 150°C FOLLOWED BY ULTIMATE ELONGATION	PERCENT	350 MINIMUM	ASTM D2671
FUNGUS GROWTH	-	RATING OF 1 OR LESS	ASTM G21
ELECTRICAL			
DIELECTRIC STRENGTH	V/mil (kV/cm)	300 MINIMUM (118)	ASTM D149
VOLUME RESISTIVITY	Ohm-cm	1 X 10 ¹² MINIMUM	ASTM D257
CHEMICAL			
FLUID RESISTANCE 168 HRS @ 23°C IMMERSION IN VDE 0370 OIL FOLLOWED BY TESTS FOR:	-	-	ASTM D2671
TENSILE STRENGTH	psi (MPa)	1450 MINIMUM (10)	
ULTIMATE ELONGATION	PERCENT	300 MINIMUM	
CORROSIVE EFFECT 16 HRS @ 150°C	-	NONCORROSIVE	ASTM D2671, PROC. A
WATER ABSORPTION 24 HRS @ 23°C	PERCENT	0.50 MAXIMUM	ASTM D570

STANDARD CUTTING TOLERANCES (mm)	
CUT LENGTH	TOLERANCE
Up to 9.90mm	±1.50mm
10mm to 24.90mm	±1.50mm
25mm to 54.90mm	±1.50mm
55mm to 99.90mm	±3.00mm
100mm to 149.90mm	±4.00mm
150mm to 499.90mm	±5.00mm
500mm AND GREATER	±25.40mm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	18NOV2022	 TE Connectivity
CHK	18NOV2022	
APVD	18NOV2022	
NAME	MAYO BAKARE	
DIMENSIONS:	mm (Inches)	PRODUCT SPEC
TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ±.1 1 PLC ±.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ± FINISH -	APPLICATION SPEC
MATERIAL	SEE NOTE	WEIGHT
		CUSTOMER DRAWING

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	-	G-RMW	-
SCALE	NTS	SHEET	OF
		1	1
REV	D1		

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