

ALPHA WIRE CORPORATION
CUSTOMER SPECIFICATION

ALPHA PART NUMBER: FIT-221-MS-1

DATE ISSUED: 02/22/91

PRODUCT DESCRIPTION: IRRADIATED FLEXIBLE POLYOLEFIN HEAT SHRINKABLE TUBING,
ASSORTED SIZES OF PRE-CUT LENGTHS.

NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

CONSTRUCTION REQUIREMENTS

PHYSICAL PROPERTIES

OPERATING TEMPERATURE RANGE	-55°C to 125°C
SHRINKAGE RATIO	Approximately 2:1 at 121°C
DIMENSIONS	Shall Conform To Table 1
TENSILE STRENGTH	1800 psi
ULTIMATE ELONGATION	400%
LONGITUDINAL SHRINKAGE	+/-3%
SPECIFIC GRAVITY	1.35

ELECTRICAL

DIELECTRIC STRENGTH	500 Volts/mil
VOLUME RESISTIVITY	10^{14} Ohm/cm

CHEMICAL

FLAMMABILITY	Self-Extinguishing (Except Clear)
FUNGUS RESISTANCE	No Growth

FINISHED PRODUCT REQUIREMENTS:

TUBING LENGTH	6, Each Length-Size Identified
NUMBER OF SIZES, CONTENTS	5, See Table 1
NUMBER OF LENGTHS PER SIZE	6
STOCK COLOR	Black

TABLE 1

<u>ALPHA PART NUMBER</u>	<u>MINIMUM SUPPLIED I.D.</u>	<u>MAXIMUM RECOVERED I.D.</u>	<u>NOMINAL RECOVERED WALL THICKNESS</u>
FIT-221-3/64	0.046	0.023	0.016
FIT-221-1/16	0.063	0.031	0.017
FIT-221-3/32	0.093	0.046	0.020
FIT-221-1/8	0.125	0.062	0.020
FIT-221-3/16	0.187	0.093	0.020