

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: FIT260
Page 1 of 2 Pages

Issue: 3
Issue Date: 12/31/2009
Effective Date: 3/1/2009

A. Construction

- | | |
|--------------------|-------------------------|
| 1) Tubing Type | Heat Shrinkable Tubing |
| 2) Tubing Material | Cross Linked Polyolefin |
| 3) Color(s) | GREEN/YELLOW |

Part Number	Minimum Supplied ID (In)	Maximum Recovered ID (In)	Nominal Recovered Wall Thickness (In)
FIT260-1/8	0.125	0.062	0.020
FIT260-1/4	0.250	0.125	0.025
FIT260-3/8	0.375	0.187	0.025
FIT260-1/2	0.500	0.250	0.025
FIT260-3/4	0.750	0.375	0.030
FIT260-1	1.000	0.500	0.035

B. Industry Approvals

- | | |
|-----------------------------------|---------------------------------|
| 1) UL | Standard 224
VW-1 |
| 2) CSA International | Standard 198 |
| 3) Other | REACH Regulation (EC 1907/2006) |
| 4) EU Directive 2002/95/EC(RoHS): | |

All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.

C. Physical & Mechanical Properties

- | | | |
|----------------------------------|------------------------------|---------------|
| 1) Temperature Range | -55 to 135°C | |
| 2) Shrink Ratio | Approximately 2:1 | |
| 3) Full Recovery Temperature | 120°C | |
| 4) Minimum Shrink Temperature | 90°C | |
| 5) Tensile Strength | 1500psi, Min | ASTM D638 |
| 6) Elongation | 200%, Min | ASTM D638 |
| 7) Low Temperature Flex(-55°C) | no cracking | AMS-DTL-23053 |
| 8) Heat Resistance(175°C,168hrs) | 100% Elongation, Min | ASTM D638 |
| 9) Heat Shock(250°C,4hrs) | no cracking | AMS-DTL-23053 |
| 10) Secant Modulus | 2.5x10 ⁴ psi, Min | ASTM D882 |
| 11) Longitudinal Change | +/-5% | AMS-DTL-23053 |
| 12) Specific Gravity | 1.35, Max | ASTM D792 |
| 13) Shelf Life | 25 Years @ 0 to 35°C | |

D. Electrical Properties

- | | | |
|------------------------|--------------------------------|-----------|
| 1) Dielectric Strength | 500 V/mil, Min | ASTM D876 |
| 2) Volume Resistivity | 1x10 ¹⁴ ohm-cm, Min | ASTM D876 |

E. Chemical Properties

- | | | |
|----------------------------------|---------------|---------------|
| 1) Water Absorption | 0.50%, Max | ASTM D570 |
| 2) Fluid Resistance(23°C,24 Hrs) | 1000 PSI, Min | AMS-DTL-23053 |
| 3) Halogen Free | No | |
| 4) Lead Free | No | |

F. Other

- | | |
|---------------|--------|
| 1) Packaging | |
| a) FIT260-1/8 | 500 FT |
| b) FIT260-1/4 | 250 FT |

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- c) FIT260-3/8
250 FT
- d) FIT260-1/2
250 FT
- e) FIT260-3/4
250 FT
- f) FIT260-1
100 FT

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