

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3081
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Issue: 7
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A. Construction

Diameters

- | | | |
|----------------|---|----------------|
| 1) Component 1 | 1 X 1 HOOKUP | |
| a) Conductor | 10 (105/30) AWG TC | |
| b) Insulation | 0.032" Wall, Nom. PVC | 0.184+/- 0.004 |
| (1) Print | EXXXXXX (UL) MTW 600V OR AWM STYLE 1015 105C
600V VW-1 10 AWG LLXXXXXX CSA TEW 105C 600V FT1
ROHS | |
| | <i>[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]</i> | |
| (2) Color(s) | WHITE, BLACK, RED, GREEN | |

B. Industry Approvals

- | | | |
|-----------------------------------|--|--------------|
| 1) UL | AWM/STYLE1015 | 105°C / 600V |
| | MTW | 90°C / 600V |
| 2) CSA International | TEW-105 | 105°C / 600V |
| 3) 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. | |
| 4) California Proposition 65: | The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65. | |

C. Physical & Mechanical Properties

- | | |
|----------------------|--------------------|
| 1) Temperature Range | -20 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 82 Lbs, Maximum |

D. Electrical Properties

- | | |
|---------------------------------|------------------------------|
| (For Engineering purposes only) | |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.04 µH/ft, Nominal |
| 3) Conductor DCR | 1.08 Ω/1000ft @20°C, Nominal |

E. Other

- | | |
|--------------|--|
| 1) Packaging | |
| a) 1000 FT | |
| b) 100 FT | |

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