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**ALPHA WIRE COMPANY  
CUSTOMER SPECIFICATION**

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Part Number: FITSLV 12-16  
Page 1 of 3 Pages

Issue: 3  
Issue Date: 10/23/2008  
Effective Date: 11/23/2008

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-NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED-

**A. Construction**

- |                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| 1) Product              | Soldering Sleeves                                               |
| 2) Insulation Sleeve    | Radiation Crosslinked, Modified Polyvinylidene Flouride         |
| 3) Meltable Sealin Ring | Thermally Stablized Thermoplastic Alloy – Cd18 Eutectic @ 143°C |
| 4) Solder Preform       | Flux – Ro11 Type RMA Flux for tin or silver applications.       |

**B.) Industry Approvals**

- |                         |                |
|-------------------------|----------------|
| 1) Other                |                |
| a) FitSleeve            | NAS1745        |
| b) Solder Preform Alloy | ANSI-J-STD-006 |
| c) Solder Preform Flux  | ANSI-J-STD-004 |

**B. Physical Properties**

- |                          |                  |
|--------------------------|------------------|
| 1) Operating Temperature | -55C to +125C    |
| 2) Immersion resistant   | Water            |
| 3) Color                 |                  |
| a) Insulation Sleeve     | Transparent blue |
| b) Meltable Seal Ring    | 1 clear, 1 blue  |

**C. Finished Product Requirements**

- |                              |                                     |
|------------------------------|-------------------------------------|
| 1) Dimensions                | See Table 1, Figure 1               |
| 2) Shelf Life                | 25 years                            |
| 3) RoHS Directive 2002/95/EC | This material is NOT RoHS compliant |

**D. Cable Perparation Measurements**

See Table 2, Figure 2

**E. Other**

- |              |                           |
|--------------|---------------------------|
| 1) Packaging | 25 pc., 100 pc., Packages |
|--------------|---------------------------|

This technical specification outlines the requirements for the products described herein. Deviations from this specification are **not permitted** without the written authorization of the Alpha Wire Engineering Department. All finished products will be inspected to this specification and noncompliance or unauthorized deviations will be cause for rejection and return of product.

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Table 1

| Alpha P/N | L +/- 0.062 | øD Minimum | øD1 Minimum |
|-----------|-------------|------------|-------------|
| FSLV12    | 0.625       | 0.110      | 0.125       |
| FSLV14    | 0.625       | 0.180      | 0.200       |
| FSLV16    | 0.750       | 0.280      | 0.300       |

Figure 1

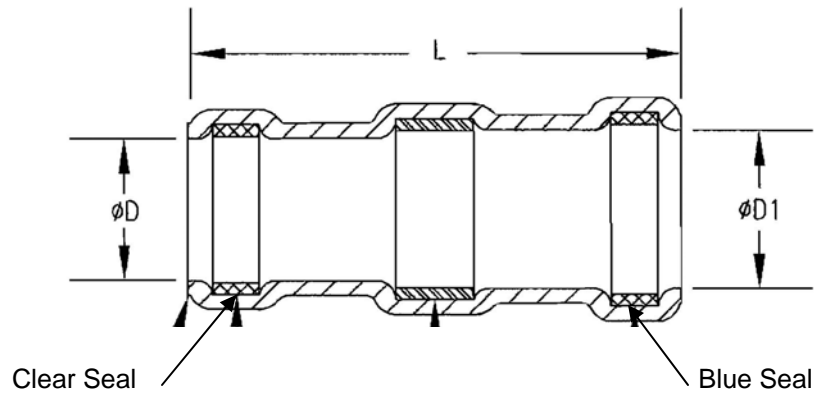


Table 2

| Alpha P/N | øD2 Maximum | øD3 Minimum | øD4 Maximum | øD4 Minimum | L2 Range      |
|-----------|-------------|-------------|-------------|-------------|---------------|
| FSLV12    | 0.125       | 0.055       | 0.110       | 0.030       | 0.250 – 0.325 |
| FSLV14    | 0.200       | 0.085       | 0.180       | 0.050       | 0.250 – 0.325 |
| FSLV16    | 0.300       | 0.170       | 0.280       | 0.100       | 0.250 – 0.325 |

Figure 2

RECOMMENDED CABLE PREPARATIONS:



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