

# Advancing Technology for Fiber Optic Connectors

New fiber optic connector sleeves, superior in design and materials, have been developed utilizing state-of-the-art electroforming technology and manufacturing processes. Through electrolysis, metal is actually dissolved and attracted into mold cavities, enabling designs not achievable by other manufacturing methods.

## Significant attributes:

- High grade Nickel (99.96% pure) with a hardness of 500 Vickers
- Improved size and accuracy of detail, including consistent diameter tolerance of plus (+) or minus (-) 0.5 micron
- Unique inside tapers at ends of each sleeve for improved insertion of ferules
- High quality smooth surfaces, free of residue
- Significant cost savings



Oudensha America, Inc. is a wholly owned subsidiary of Oudensha Company, Ltd. of Japan, which develops and manufactures electroformed products, specializing in small, high quality precious and semi-precious metal parts for customers that require fine precision detail and consistent dimensional accuracy.

Design and technical development capabilities cover a wide range of industries and applications, such as air speed indicator tubes, gold stents for use in angioplasty surgery, encoder clock wheels, seamless bushings, shaver head foils, etc.

Oudensha's design and manufacturing process enables the highest quality mass production for worldwide distribution.

Samples for testing purposes are being offered at no charge or obligation. For further information or quotations, fax your inquiry to: (847) 364-6082, Attn: Don Krumin, General Manager.

**Available Sizes**  
drawings shown actual size

**Standard Sleeve**  
 1.25 mm

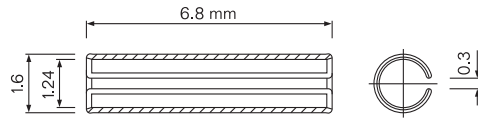
**Perforated Sleeve** patent pending  
 1.25 mm

**Standard Sleeve**  
 2.5 mm

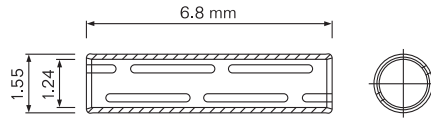
**Step Sleeve** patent pending  
 1.25 to 2.5 mm



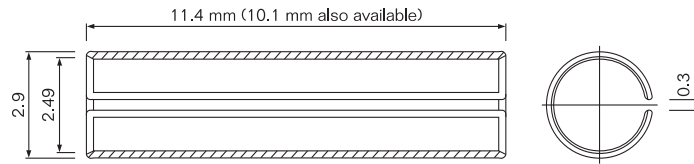
### Standard Sleeve 1.25 mm



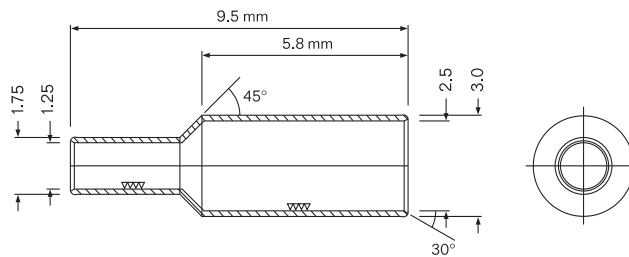
### Perforated Sleeve 1.25 mm



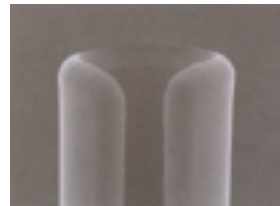
### Standard Sleeve 2.5 mm



### Step Sleeve 1.25 to 2.5 mm



SEM Photo, Reverse Taper



SEM Photo, Rounded End