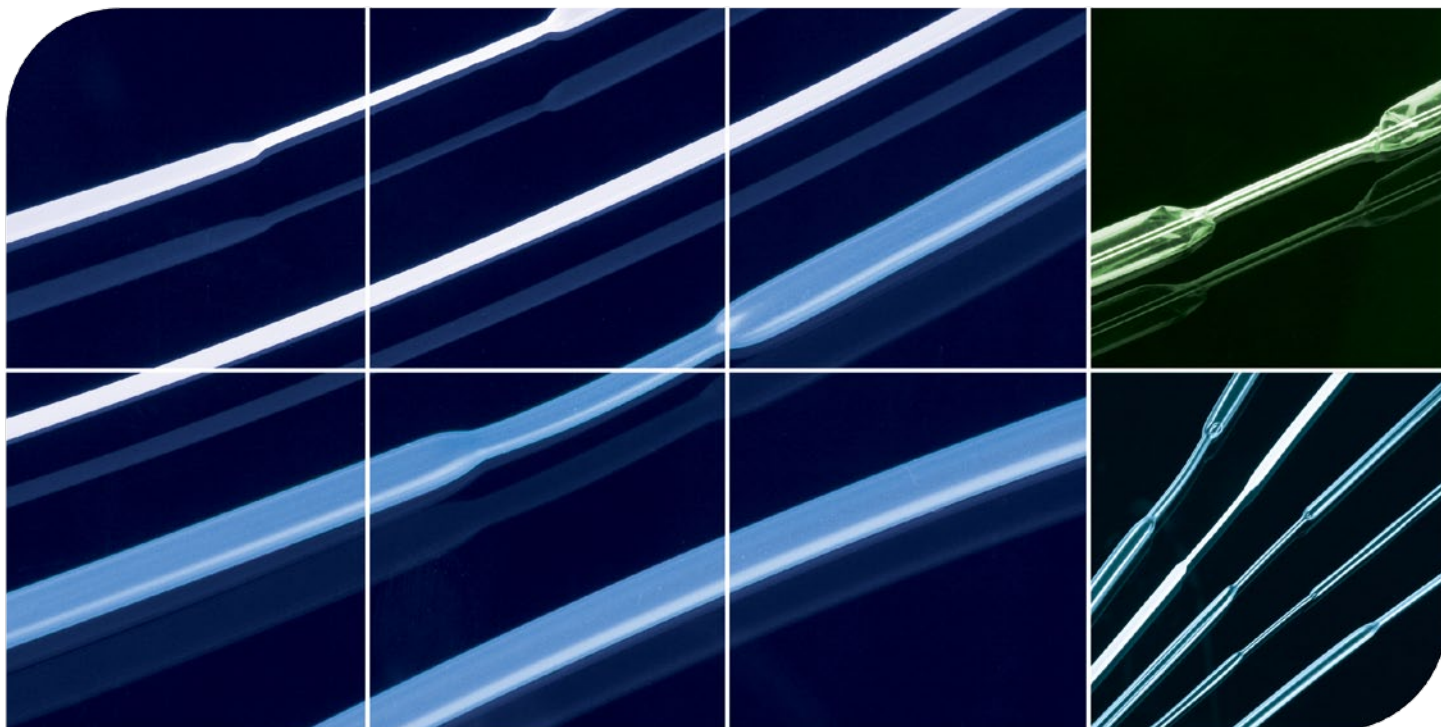


Heat Shrink Tubing

Custom & Standard Solutions

EXTRUMED™



Optimal Clinical Outcome for Every Application

Vesta's precision heat shrink tubing capabilities yield efficient solutions for a broad range of medical devices. Our high shrink ratios ensure a high compression force at low recovery temperatures (250–400°F/121–204°C). Excellent concentricity and flexible thin-wall construction facilitate ease of use, excellent fit and compliance.

Heat shrink tubing applications range from device bonding—including balloon bonding, lab bonding, butt bonding—to protective sheathing, marker banding and strain reliefs.

Process Controls to Meet All Your Needs

Vesta offers a range of standard heat shrink tubing sizes to help you meet tight deadlines—plus the ability to produce custom sizes to achieve more precise fits. We draw upon our engineering expertise to optimize and control the extrusion, crosslinking and expansion process, providing consistent quality polyolefin heat shrink solutions.

Because heat shrink tubing recovers to a smaller diameter after heating, we put the proper process controls in place

to ensure that every product meets your requirements for minimum expanded inner diameter, maximum recovered inner diameter, recovered wall thickness and length. Plus, we offer a full range of polyolefin materials, including LDPE, MDPE and LLDPE (low-, medium- and linear low-density polyethylene) options to meet your specific design and process needs.

Exceptional Manufacturing Capabilities

Vesta's experienced staff utilizes high concentricity, proper radiation dosages and a tight expansion process to manufacture the most challenging heat shrink tubing. Our expertise includes:

- Standard and custom sizes
- Expanded ID 0.01"–0.30" (0.25 mm–7.62 mm)
- Expanded wall thicknesses as thin as 0.0003" (0.00762 mm)
- Length: 0.5"–60" (1.2 cm–152.4 cm), continuous length for some sizes
- Shrink ratios as high as 10:1
- Rapid and low recovery temperatures of 250–400°F/121–204°C, depending on material
- Colors: clear and customer-specified

Molding | Extrusion | Assembly

414.423.0550 | sales@vestainc.com | www.vestainc.com

ISO 13485:2003 Certified



vesta

caring for the life of your product

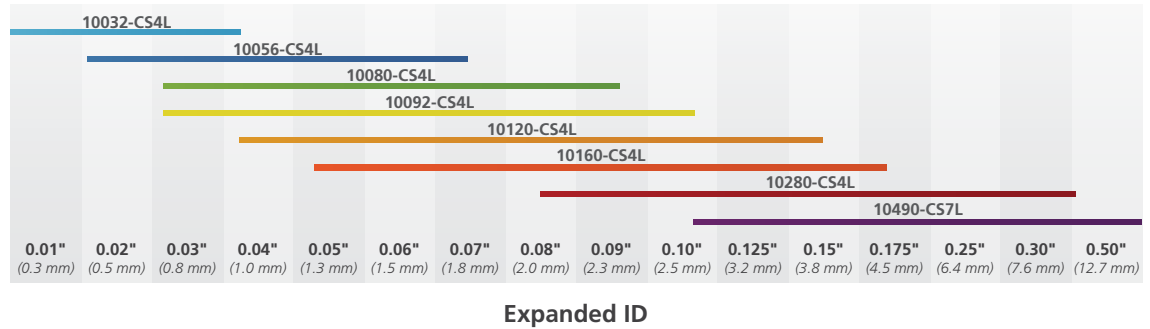
Vesta's Standard Polyolefin Heat Shrink Tubing Line

View Our Product Line

Part number	10032-CS4L	10056-CS4L	10080-CS4L	10092-CS4L	10120-CS4L	10160-CS4L	10280-CS4L	10490-CS7L
Minimum Expanded ID	0.032" (0.81 mm)	0.056" (1.42 mm)	0.080" (2.03 mm)	0.092" (2.34 mm)	0.120" (3.05 mm)	0.160" (4.06 mm)	0.280" (7.11 mm)	0.490" (12.45 mm)
Maximum Recovered ID	0.013" (0.33 mm)	0.019" (0.48 mm)	0.025" (0.64 mm)	0.028" (0.71 mm)	0.036" (0.91 mm)	0.045" (1.14 mm)	0.077" (1.96 mm)	0.094" (2.39 mm)
Expanded Wall	0.00083" (0.021 mm)	0.00094" (0.024 mm)	0.00085" (0.022 mm)	0.00085" (0.022 mm)	0.00093" (0.024 mm)	0.00094" (0.024 mm)	0.001" (0.025 mm)	0.00085" (0.021 mm)
Maximum Recovered Wall	0.0028" (0.071 mm)	0.0028" (0.071 mm)	0.004" (0.102 mm)	0.00325" (0.083 mm)	0.003" (0.076 mm)	0.0039" (0.099 mm)	0.008" (0.203 mm)	0.008" (0.203 mm)

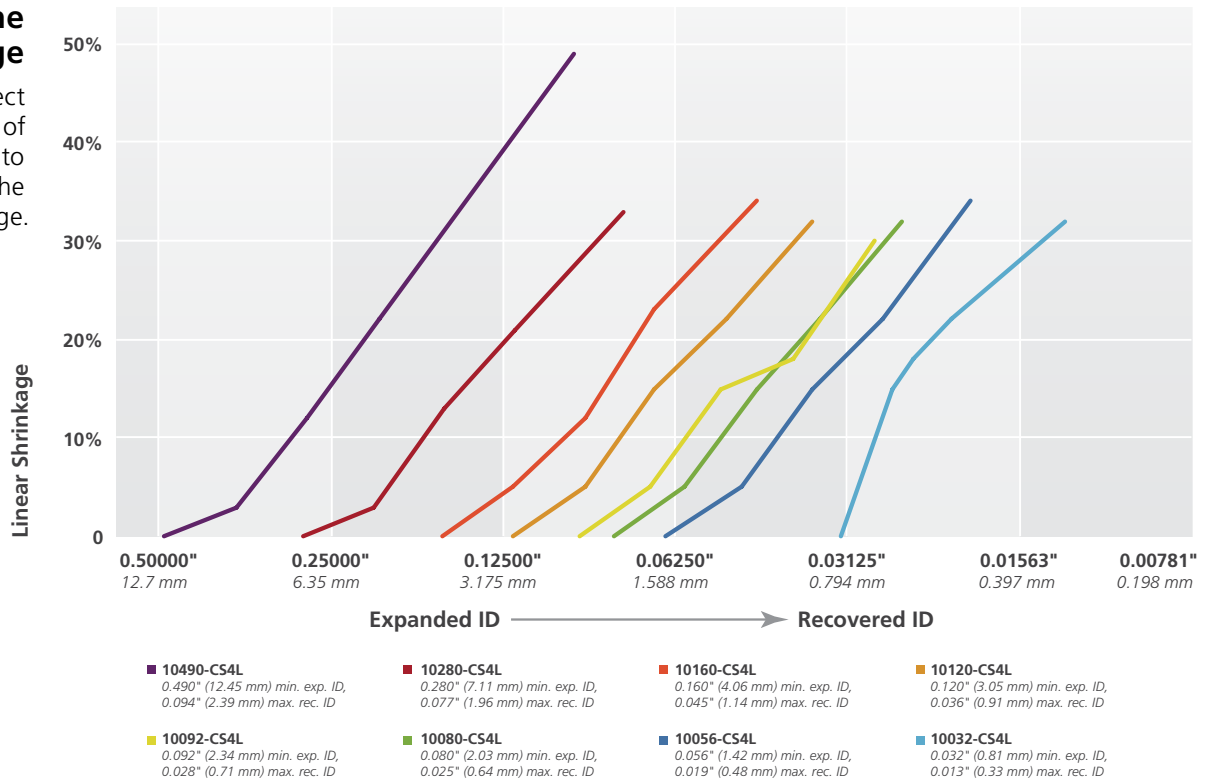
Determine the Expanded ID

Select a product with an expanded ID large enough to easily fit over the largest OD of your component.



Determine the Linear Shrinkage

To order the correct length and quantity of tubing, you'll need to determine the linear shrinkage.



Call **951.547.7400** to order a sample kit!

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