



PROFESSIONAL PLASTICS, INC.

Leading Global Supplier of Engineered Plastic Shapes

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PTFE HS 4:1 Heat Shrink – Fractional Sizes

Fluoropolymer heat shrink provides the ideal method for the application of a tight, protective jacketing to items that ultimately will be subjected to extremes of heat, corrosion, shock, moisture, or other critical environmental conditions. The application of heat shrink tubing extends the life of such items indefinitely and assures their reliable performance.

PTFE Heat Shrink has ratios 2:1 and 4:1. The product requires 650°F +/- 25° (340°C +/- 5°) to recover. We recommend pre-heating large diameter mandrels and giving sufficient time for recovery. The mandrel being covered must be able to withstand this range of temperature, and even heating and cooling of all sides will provide the best result. Customized Sub-Lite- Wall® sizes are also available.

Approximate Ratio of Expanded I.D. to Recovered I.D. (fractional inch sizes)

| Ordered as I.D. (inches/mm) | Expanded I.D. MIN. (inches/mm) | Recovered - After Heat Shrink | | |
|--------------------------------|-----------------------------------|-------------------------------|-------------------------------|-----------|
| | | I.D. Max. (inches/mm) | Wall Thickness (inches/mm) | |
| 5/64 | 0.078 | 0.025 | 0.009 | +/- 0.002 |
| 1/8 | 0.125 | 0.037 | 0.012 | +/- 0.002 |
| 3/16 | 0.187 | 0.050 | 0.012 | +/- 0.002 |
| 1/4 | 0.250 | 0.063 | 0.012 | +/- 0.002 |
| 5/16 | 0.312 | 0.078 | 0.012 | +/- 0.002 |
| 3/8 | 0.375 | 0.096 | 0.012 | +/- 0.002 |
| 7/16 | 0.438 | 0.112 | 0.012 | +/- 0.002 |
| 1/2 | 0.500 | 0.144 | 0.015 | +/- 0.004 |
| 9/16 | 0.562 | 0.155 | 0.015 | +/- 0.004 |
| 5/8 | 0.625 | 0.178 | 0.015 | +/- 0.004 |
| 11/16 | 0.687 | 0.198 | 0.015 | +/- 0.004 |
| 3/4 | 0.750 | 0.224 | 0.015 | +/- 0.004 |
| 7/8 | 0.875 | 0.244 | 0.015 | +/- 0.004 |
| 1 | 1.000 | 0.278 | 0.015 | +/- 0.004 |
| 1-1/4 | 1.250 | 0.347 | 0.015 | +/- 0.004 |
| 1-1/2 | 1.500 | 0.400 | 0.015 | +/- 0.004 |
| 1-3/4 | 1.750 | 0.450 | 0.015 | +/- 0.004 |
| 2 | 2.000 | 0.520 | 0.020 | +/- 0.005 |
| 2-1/4 | 2.250 | 0.585 | 0.020 | +/- 0.005 |
| 2-1/2 | 2.500 | 0.650 | 0.020 | +/- 0.005 |
| 2-3/4 | 2.750 | 0.710 | 0.020 | +/- 0.005 |
| 3 | 3.000 | 0.775 | 0.020 | +/- 0.005 |
| 3-1/4 | 3.250 | 0.835 | 0.020 | +/- 0.005 |
| 3-1/2 | 3.500 | 0.900 | 0.025 | +/- 0.005 |
| 3-3/4 | 3.750 | 0.960 | 0.025 | +/- 0.005 |
| 4 | 4.000 | 1.025 | 0.025 | +/- 0.005 |

* Custom specifications and tolerances upon request
AMS-DTL-23053/12