

SM Series 2:1 Ratio



Labels for Life.



SM Series Standard 2:1 Ratio Heat Shrink Wire Markers Visual Data Management for Tough Environments

Characteristics

- Permanent identification sleeves
- Thermal transfer printable
- Military grade standards
- Quick cool down for heat sensitive areas
- Print with IDENTCO TTRR-D resin ribbon
- Use with ELP-I or any recommended IDENTCO printer
- RoHS compliant

Product Description:

- The printable sleeves meet the mark permanence requirements of SAE AS 81531 military grade standards before and after shrinking.
- These sleeves are available in a 2:1 expansion ratio. They are made from a flame retarded, radiation cross-linked heat shrinkable polyolefin.
- The 2:1 sleeves have a durable sleeve wall and are easy to handle with a quick cool down time, needed for heat sensitive areas.
- For optimal performance the marker sleeves should be printed with the recommended IDENTCO ribbon and printer. The sleeve is permanent immediately after heating, leaving the information resistant to harsh chemicals, abrasion and many fuels and oils.

Typical Applications

Marking: Pipelines, factory wire & cables, control panels, terminals and metro, financial & aircraft wiring

Typical Industry Sectors

Construction
Electrical
Industrial
Aerospace



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Heat Shrink Wire Markers



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IDENTCO Marking System 2:1 Shrink Ratio

Part Number	Size (in.)
IMS-2.0-.094SM-2.5W	3/32" 2.4
IMS-2.0-.125SM-2.0W	1/8" 3.2
IMS-2.0-.188SM-1.5W	3/16" 4.8
IMS-2.0-.250SM-1.5W	1/4" 6.4
IMS-2.0-.375SM-1.0W	3/8" 9.5
IMS-2.0-.500SM-0.5W	1/2" 12.7
IMS-2.0-.750SM-0.5W	3/4" 19.1
IMS-2.0-1.00SM-0.25W	1" 25.4
IMS-2.0-1.50SM-0.25W	1 1/2" 38.1



Agency Recognitions

Military AMS-DTL-23053/5-Classes 1 & 3
SAE AS 81531, MIL-STD-202F, Method 215J



Material Caliper

Polyolefin
Shrink Ratio: 2:1
Flame Retarded: VW-1

Wall thickness: .02" (0.5mm)
Concentricity of >10%



Exterior Durability

Recommended: Indoor use
Extreme hot or cold temperatures
Aggressive fluids or physically demanding environments



Temperature Range

Operating temperature range: -55°C/-135°F-67°F-275°F
Minimum Recovery Temperature: 85°C/185°F

Maximum Storage Temperature: 50°C/122°F
Full Shrink Temperature: 115°C/239°F

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 1/17/18.

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