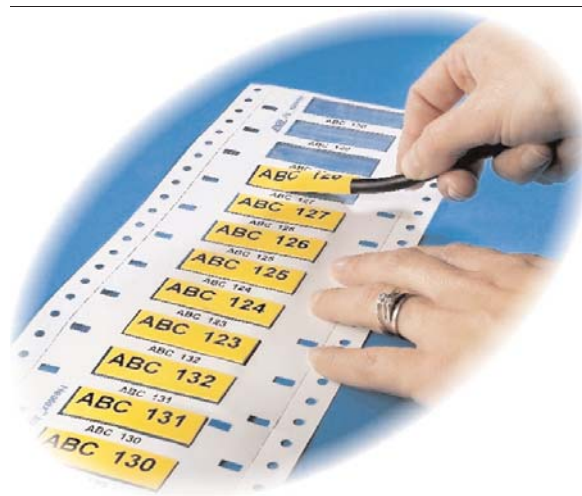


Product Data

Application Method - Heatshrink

Very flexible, high temperature rated, highly flame retardant, UL and CSA recognised heat shrinkable tubing (3:1 shrink ratio). Flexible polyolefin sleeves used for wire identification and insulation purposes. Markers are supplied in roll of fanfold form in a flattened format mounted on a carrier designed for use with thermal transfer printers.

- Shrink Ratio 3:1
- Flame Retardant Meeting UL224
- Easy Pick Application
- Sleeve diameters from 3.0mm to 24.0mm
- Print performance to military requirements
- 12.5mm, 25mm, 38mm, 50mm lengths
- Standard colours: White and Yellow.
- Rapid 24hr pre-print service available



Other colours are available for special orders

Storage

Store in original packaging.
Recommended temperature at
+10°C to 25°C at 45-55% R.H.
Use within 3 years from date of manufacture.

Printer and Ribbon Recommended

Itag printer 300 Dpi (STP-A3-300-S-NC-S)
Ribbon (TWR-110-300-BK-FT-M)

Print Performance adherence White & Yellow

Specifications:
- Adherence:
MIL-M-81531 AS (SAE-AS81531-1998 Clause 4.6.2)
Passed with following ribbons:
TWR-110-300-BK-FT-M

Print Performance Solvents White & Yellow

Specifications:
- Resistance to solvents:
MIL-STD-202G test method 215
(MIL-M-81531 / AS SAE-AS81531-1998 Clause 3.4.2)
Passed with following ribbon:
TWR-110-300-BK-FT-M

Specifications:

- MIL-DTL 23053/5 class 1
- UL224 125° C 600V VW-1 FileNo.E48762
CSA C22.2 No.198. 1File No. LR 33298

Thermal Properties	Typical Value
Heat Shock (250°Cx4h)	Pass
Elongation After Heat Ageing (175°Cx168h)	420%
Low Temperature Flexibility (-55°Cx4h)	Pass
Copper Corrosion (175°Cx16h)	Pass
Colour Stability (175°Cx24h)	Pass

Physical Properties	Typical Value
Longitudinal Change	0%
Specific Gravity	1,34
Tensile Strength	14MPa
Elongation at Break	410%
Secant Modulus	65MPa

Chemical Properties	Typical Value
Flammability	Pass
Water Absorption	0,25%
Fluid Resistance (after immersion 23°Cx24h)	Pass
Fungus Resistance	(7,25 to 16,50 MPa)

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Ordering Information

Ordering Information Example

HPS-030-125-WE-S Plug 1a



Applications: Designed for commercial use to provide high quality markers to a variety of applications. Can be used where a low shrink temperature is an important factor. Shrink Method: Any industrial grade heat gun may be used to shrink Itag™ Markers.

Approval Standards

Manufactured to meet:

- MIL-DTL 23053/5 class 1

- UL224 125° C 600V VW-1 FileNo.E48762

CSA C22.2 No.198. 1File No. LR 33298

Nominal Diameter Supplied	Nominal Diameter Recovered	Sleeve Length mm	Markers Across	Markers/Box	Order Code	
					White	Yellow
3.0	1.0	12.5	4	4000	HPS-030-125-WE-S	HPS-030-125-YW-S
3.0	1.0	25	2	2000	HPS-030-250-WE-S	HPS-030-250-YW-S
3.0	1.0	38	1	1000	HPS-030-380-WE-S	HPS-030-380-YW-S
3.0	1.0	50	1	1000	HPS-030-500-WE-S	HPS-030-500-YW-S
4.8	1.6	12.5	4	4000	HPS-048-125-WE-S	HPS-048-125-YW-S
4.8	1.6	25	2	2000	HPS-048-250-WE-S	HPS-048-250-YW-S
4.8	1.6	38	1	1000	HPS-048-380-WE-S	HPS-048-380-YW-S
4.8	1.6	50	1	1000	HPS-048-500-WE-S	HPS-048-500-YW-S
6.0	2.0	12.5	4	4000	HPS-060-125-WE-S	HPS-060-125-YW-S
6.0	2.0	25	2	2000	HPS-060-250-WE-S	HPS-060-250-YW-S
6.0	2.0	38	1	1000	HPS-060-380-WE-S	HPS-060-380-YW-S
6.0	2.0	50	1	1000	HPS-060-500-WE-S	HPS-060-500-YW-S
9.0	3.0	12.5	4	4000	HPS-090-125-WE-S	HPS-090-125-YW-S
9.0	3.0	25	2	2000	HPS-090-250-WE-S	HPS-090-250-YW-S
9.0	3.0	38	1	1000	HPS-090-380-WE-S	HPS-090-380-YW-S
9.0	3.0	50	1	1000	HPS-090-500-WE-S	HPS-090-500-YW-S
12.0	4.0	12.5	4	4000	HPS-120-125-WE-S	HPS-120-125-YW-S
12.0	4.0	25	2	2000	HPS-120-250-WE-S	HPS-120-250-YW-S
12.0	4.0	38	1	1000	HPS-120-380-WE-S	HPS-120-380-YW-S
12.0	4.0	50	1	1000	HPS-120-500-WE-S	HPS-120-500-YW-S
18.7	6.0	12.5	4	2000	HPS-187-125-WE-S	HPS-187-125-YW-S
18.7	6.0	25	2	1000	HPS-187-250-WE-S	HPS-187-250-YW-S
18.7	6.0	38	1	500	HPS-187-380-WE-S	HPS-187-380-YW-S
18.7	6.0	50	1	500	HPS-187-500-WE-S	HPS-187-500-YW-S
24.0	8.0	12.5	4	2000	HPS-240-125-WE-S	HPS-240-125-YW-S
24.0	8.0	25	2	1000	HPS-240-250-WE-S	HPS-240-250-YW-S
24.0	8.0	38	1	300	HPS-240-380-WE-S	HPS-240-380-YW-S
24.0	8.0	50	1	300	HPS-240-500-WE-S	HPS-240-500-YW-S

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