

# LABELIDENT



## Cable & Wire Heat Shrinkable Identification Sleeves Schrumpfschlauchmarkierer für Kabel und Leitungen



**3:1 Shrink ratio**

**MIL**



Ø 3 inch (70 mm)

Request a free sample

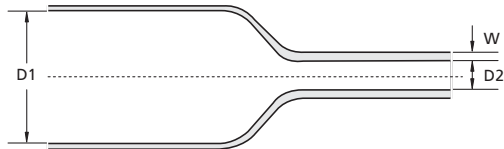
Print width (P)

## Heat shrinkable sleeves after military grade with 3:1 shrink ratio for thermal transfer printer

The heat shrinkable sleeves are designed to meet the needs of manufacturers with high performance requirements on wire and cable marking. Made for permanent, flame retarded, radiation cross-linked heat-shrinkable polyolefin. The 3:1 provides extremely fast shrinking and covers a wider range of wire diameters. Designed for marking wires, various cables and pipes in chemical factories such as petrification, ammonia or urea synthesizing enterprises and armaments industry. The heat shrinkable marker are the military grade wire identification sleeves and meet the requirements of AMS-DTL-23053/5 classes 1 and 3. The continuous identification sleeves lengthways on spool with 3 inch (70 mm) core and 8 inch (205 mm) outside diameter are designed to be printed by thermal transfer printers and can be equipped with the cutter or by hand to the individual length. Labelident heat shrinkable sleeves 3AMS are permanent immediately after printing and remain legible even when exposed to abrasion, aggressive cleaning solvents, and military fuels and oils.

Material	radiation cross-linked polyolefin
Color	yellow and white
Shrink ratio	3:1
Service temperature	-67°F to +275°F (-55°C to +135°C)
Shrink temperature	min. +185°F (+85°C), complete shrink temperature +239°F (+115°C)
Specification	AMS-DTL-23053/5 classes 1 and 3, SAE AS 81531, MIL-STD-202F Method 215J, RoHS conform.
Properties	flame retarded, self-extinguishing, Military grade material and high print performance, immediately after labeling in the thermal transfer printing method with our ribbons has the imprint an high resistance to abrasion against many cleaning fluids, military fuels and oils.
Ribbon Quality	Y900 (suitable for excellent printing results with high resistance)

If required we print and cut the heat shrinkable sleeves like your specifications and desired length.



**24h ready for despatch**

Article-No.		before shrinking		after shrinking		Feet (m) per roll	Price per roll
yellow	white	Inside-Ø (D1)	Print width (P)	Inside-Ø (D2)	Wall thickness (W)		
■ 3AMS0048YW	□ 3AMS0048WE	0.19 inch (4,75 mm)	0.31 inch (8 mm)	≤ 0.06 inch (1,59 mm)	0.03 inch (0,69 mm)	82 (25 m)	82,50 €
■ 3AMS0064YW	□ 3AMS0064WE	0.25 inch (6,35 mm)	0.39 inch (10 mm)	≤ 0.09 inch (2,36 mm)	0.03 inch (0,70 mm)	82 (25 m)	112,50 €
■ 3AMS0095YW	□ 3AMS0095WE	0.38 inch (9,53 mm)	0.59 inch (15 mm)	≤ 0.13 inch (3,18 mm)	0.03 inch (0,72 mm)	49 (15 m)	84,00 €
■ 3AMS0127YW	□ 3AMS0127WE	0.5 inch (12,7 mm)	0.79 inch (20 mm)	≤ 0.19 inch (4,75 mm)	0.03 inch (0,73 mm)	49 (15 m)	102,75 €
■ 3AMS0191YW	□ 3AMS0191WE	0.75 inch (19,1 mm)	1.18 inch (30 mm)	≤ 0.25 inch (6,35 mm)	0.03 inch (0,75 mm)	49 (15 m)	159,00 €
■ 3AMS0254YW	□ 3AMS0254WE	1 inch (25,4 mm)	1.57 inch (40 mm)	≤ 0.33 inch (8,47 mm)	0.03 inch (0,76 mm)	49 (15 m)	257,25 €

## Halogen free heat shrinkable sleeves with 3:1 shrink ratio for thermal transfer printer

The heat shrinkable sleeves are designed to meet the needs of manufacturers with high performance requirements on wire and cable marking. Made for permanent, radiation cross-linked heat shrinkable polyolefin with excellent fire safety characteristics and minimal smoke emission. The 3:1 provide extremely fast shrinking and cover a wider range of wire diameters. The heat shrinkable sleeves are particularly suitable for marking lines and various cables in the field of electrical industries, engineering, switchgear cabinets, building engineering, railway engineering, automobile industry and the aviation industry. The halogen free identification sleeves meet the requirements of UL 224. The continuous heat shrinkable sleeves, on rolls along with 3 inch (70 mm) core diameter and 8 inch (205 mm) outside diameter is due to the surface condition, are designed to be printed by thermal transfer printers and can be equipped with the cutter or by hand to the individual length.

Material	halogen free, radiation cross-linked polyolefin
Color	yellow and white
Shrink ratio	3:1
Service temperature	-67°F to + 257°F (-55°C to +125°C)
Shrink temperature	min. +185°F (+85°C), complete shrink temp. + 239°F (+115°C)
Specification	UL224 recognized, 600V (VW-1), CSA-certified. The material complies the requirements IEC 61249-2-21, 2002/72/EC, Japan Toy Safety Standard part-3 and SONY SS00259, RoHS conform.
Properties	halogen free, no smoke emission, no drops or flow. Immediately after labeling in the thermal transfer printing method with our ribbons has the imprint an high resistance to abrasion against many cleaning fluids.
Ribbon Quality	Y900 (suitable for excellent printing results with high resistance)

If required we print and cut the heat shrinkable sleeves like your specifications and length.

halogen free

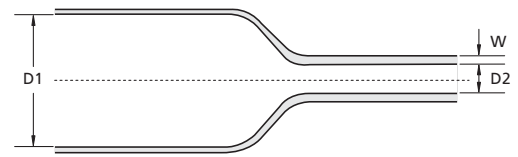
3:1 Shrink ratio



Ø 3 inch (70 mm)

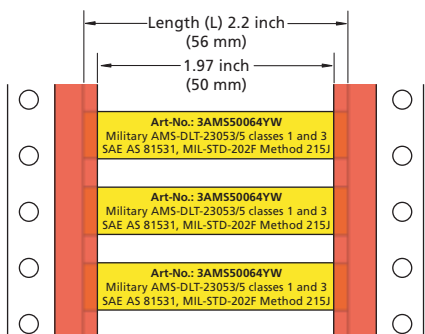
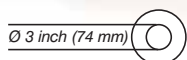
Print width (P)

Request a free sample



24h ready for despatch

Article-No.		before shrinking		after shrinking		Feet (m) per roll	Price per roll
yellow	white	Inside-Ø (D1)	Print width (P)	Inside-Ø (D2)	Wall thickness (W)		
■ 3HUL0048YW	□ 3HUL0048WE	0.19 inch (4,75 mm)	0.31 inch (8 mm)	≤ 0.06 inch (1,59 mm)	0.03 inch (0,69 mm)	82 (25 m)	73,75 €
■ 3HUL0064YW	□ 3HUL0064WE	0.25 inch (6,35 mm)	0.39 inch (10 mm)	≤ 0.09 inch (2,36 mm)	0.03 inch (0,70 mm)	82 (25 m)	100,00 €
■ 3HUL0095YW	□ 3HUL0095WE	0.38 inch (9,53 mm)	0.59 inch (15 mm)	≤ 0.13 inch (3,18 mm)	0.03 inch (0,72 mm)	49 (15 m)	75,00 €
■ 3HUL0127YW	□ 3HUL0127WE	0.5 inch (12,7 mm)	0.79 inch (20 mm)	≤ 0.19 inch (4,75 mm)	0.03 inch (0,73 mm)	49 (15 m)	91,50 €
■ 3HUL0191YW	□ 3HUL0191WE	0.75 inch (19,1 mm)	1.18 inch (30 mm)	≤ 0.25 inch (6,35 mm)	0.03 inch (0,75 mm)	49 (15 m)	141,75 €
■ 3HUL0254YW	□ 3HUL0254WE	1 inch (25,4 mm)	1.57 inch (40 mm)	≤ 0.33 inch (8,47 mm)	0.03 inch (0,76 mm)	49 (15 m)	229,50 €



## Heat shrinkable sleeves after military grade with 3:1 shrink ratio for thermal transfer printer

The heat shrinkable sleeves are designed to meet the needs of manufacturers with high performance requirements on wire and cable marking. Made for permanent, flame retarded, radiation cross-linked heat-shrinkable polyolefin with 3:1 shrink ratio and in seven different print width versions, the identification sleeves provides extremely fast shrinking and covers a wider range of wire diameters. Designed for marking wires, various cables and pipes in chemical factories such as petrification, ammonia or urea synthesizing enterprises and armaments industry. The heat shrinkable sleeves are fixed horizontally between two perforated polyester strips (transport perforation) and will be offered with a length of 2.2 inch and 2 x 1.1 inch (56 mm and 2 x 28 mm). The heat shrinkable sleeves with a size of 2 x 1.1 inch (2 x 28 mm) are equipped with a perforation that enables a simple separation. The heat shrinkable sleeves are printable on both sides and suitable for the processing with needle printers based on their surface characteristics. Especially in combination with our special ribbon they reach a high resistance to abrasion and many cleaning solvents in the thermal transfer printing method. The offered jumbo packages are inexpensive and save time-consuming role exchanging.

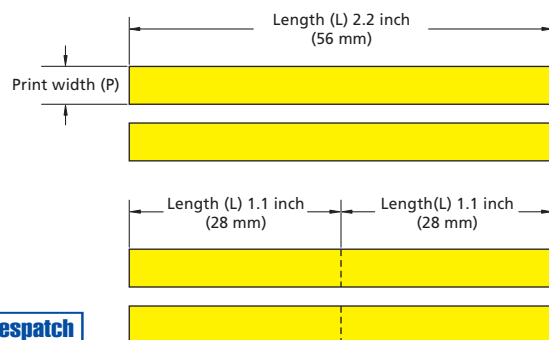
Material	radiation cross-linked polyolefin
Color	yellow and white
Shrink ratio	3:1
Service temperature	-67°F to +275°F (-55°C to +135°C)
Shrink temperature	min. +185°F (+85°C), complete shrink temperature +239°F (+115°C)
Specification	AMS-DTL-23053/5 classes 1 and 3, SAE AS 81531, MIL-STD-202F Method 215J, RoHS conform.
Properties	flame retarded, self-extinguishing, Military grade material and high print performance, immediately after printing in the thermal transfer printing method with our ribbons has the imprint an high resistance to abrasion against many cleaning fluids, military fuels and oils.
Ribbon Quality	Y900 (suitable for excellent printing results with high resistance)

Request a free sample

3:1 Shrink ratio

MIL

low-cost Jumbo pack



24h ready for despatch

Article-No.		before shrinking		after shrinking		Sleeves length (L)	Sleeves per roll	Price per roll
yellow	white	Inside-Ø (D1)	Print width (P)	Inside-Ø (D2)	Wall thickness (W)			
3AMS2032YW	3AMS2032WE	0.13" (3,18 mm)	0.2" (5 mm)	≤0.04" (1,06 mm)	0.03" (0,68 mm)	1.1" (28 mm)	5.000	508,75 €
3AMS5032YW	3AMS5032WE	0.13" (3,18 mm)	0.2" (5 mm)	≤0.04" (1,06 mm)	0.03" (0,68 mm)	2.2" (56 mm)	2.500	462,50 €
3AMS2048YW	3AMS2048WE	0.19" (4,75 mm)	0.31" (8 mm)	≤0.06" (1,59 mm)	0.03" (0,69 mm)	1.1" (28 mm)	4.000	616,00 €
3AMS5048YW	3AMS5048WE	0.19" (4,75 mm)	0.31" (8 mm)	≤0.06" (1,59 mm)	0.03" (0,69 mm)	2.2" (56 mm)	2.000	560,00 €
3AMS2064YW	3AMS2064WE	0.25" (6,35 mm)	0.39" (10 mm)	≤0.09" (2,36 mm)	0.03" (0,70 mm)	1.1" (28 mm)	4.000	715,00 €
3AMS5064YW	3AMS5064WE	0.25" (6,35 mm)	0.39" (10 mm)	≤0.09" (2,36 mm)	0.03" (0,70 mm)	2.2" (56 mm)	2.000	650,00 €
3AMS2095YW	3AMS2095WE	0.38" (9,53 mm)	0.59" (15 mm)	≤0.13" (3,18 mm)	0.03" (0,72 mm)	1.1" (28 mm)	4.000	924,00 €
3AMS5095YW	3AMS5095WE	0.38" (9,53 mm)	0.59" (15 mm)	≤0.13" (3,18 mm)	0.03" (0,72 mm)	2.2" (56 mm)	2.000	840,00 €
3AMS5127YW	3AMS5127WE	0.5" (12,7 mm)	0.79" (20 mm)	≤0.19" (4,75 mm)	0.03" (0,73 mm)	2.2" (56 mm)	1.000	535,00 €
3AMS5191YW	3AMS5191WE	0.75" (19,1 mm)	1.18" (30 mm)	≤0.25" (6,35 mm)	0.03" (0,75 mm)	2.2" (56 mm)	1.000	805,00 €
3AMS5254YW	3AMS5254WE	1" (25,4 mm)	1.57" (40 mm)	≤0.33" (8,47 mm)	0.03" (0,76 mm)	2.2" (56 mm)	500	612,50 €

## Halogen free heat shrinkable sleeves with 3:1 shrink ratio for thermal transfer printer

halogen free

3:1 Shrink ratio



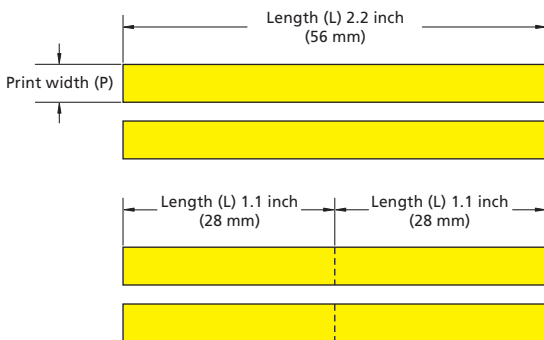
The heat shrinkable sleeves are designed to meet the needs of manufacturers with high performance requirements on wire and cable marking. Made of permanent, radiation cross-linked heat shrinkable polyolefin with excellent fire safety characteristics and minimal smoke emission. The 3:1 provides extremely fast shrinking and covers a wider range of wire diameters. The heat shrinkable sleeves are particularly suitable for marking wires and various cables in the field of electrical industries, engineering, switchgear cabinets, building engineering, railway engineering, automobile industry and the aviation industry. Halogen free identification sleeves meet the requirements of UL 224. The heat shrinkable sleeves are horizontally fixed between two perforated polyester strips (transport perforation) and will be offered with a length of 2.2 inch and 2 x 1.1 inch (56 mm and 2 x 28 mm). The heat shrinkable sleeves of the size 2 x 1.1 inch (2 x 28 mm) are with a perforation equipped that enabled you a simple separation. The heat - shrinkable sleeves are on both sides printable and suitable based on their surface characteristics also for the processing needle printer. Especially in combination with our special ribbon they reach a high resistance to abrasion and many cleaning solvents in the thermal transfer printing method. The offered jumbo packages are inexpensive and save time-consuming role exchanging.



Material	halogen free, radiation cross-linked polyolefin
Color	yellow and white
Shrink ratio	3:1
Service temperature	-67°F to + 257°F (-55°C to +125°C)
Shrink temperature	min. +185°F (+85°C), complete shrink temp. + 239°F (+115°C)
Specification	UL224 recognized, 600V (VW-1), CSA-certified. The material complies the requirements IEC 61249-2-21, 2002/72/EC, Japan Toy Safety Standard part-3 and SONY SS00259, RoHS conform.
Properties	halogen free, no smoke emission, no drops or flow. Immediately after labeling in the thermal transfer printing method with our ribbons has the imprint an high resistance to abrasion against many cleaning fluids.
Ribbon Quality	Y900 (suitable for excellent printing results with high resistance)

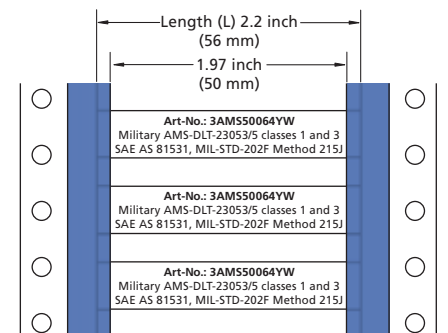
Request a free sample

Ø 3 inch (74 mm)

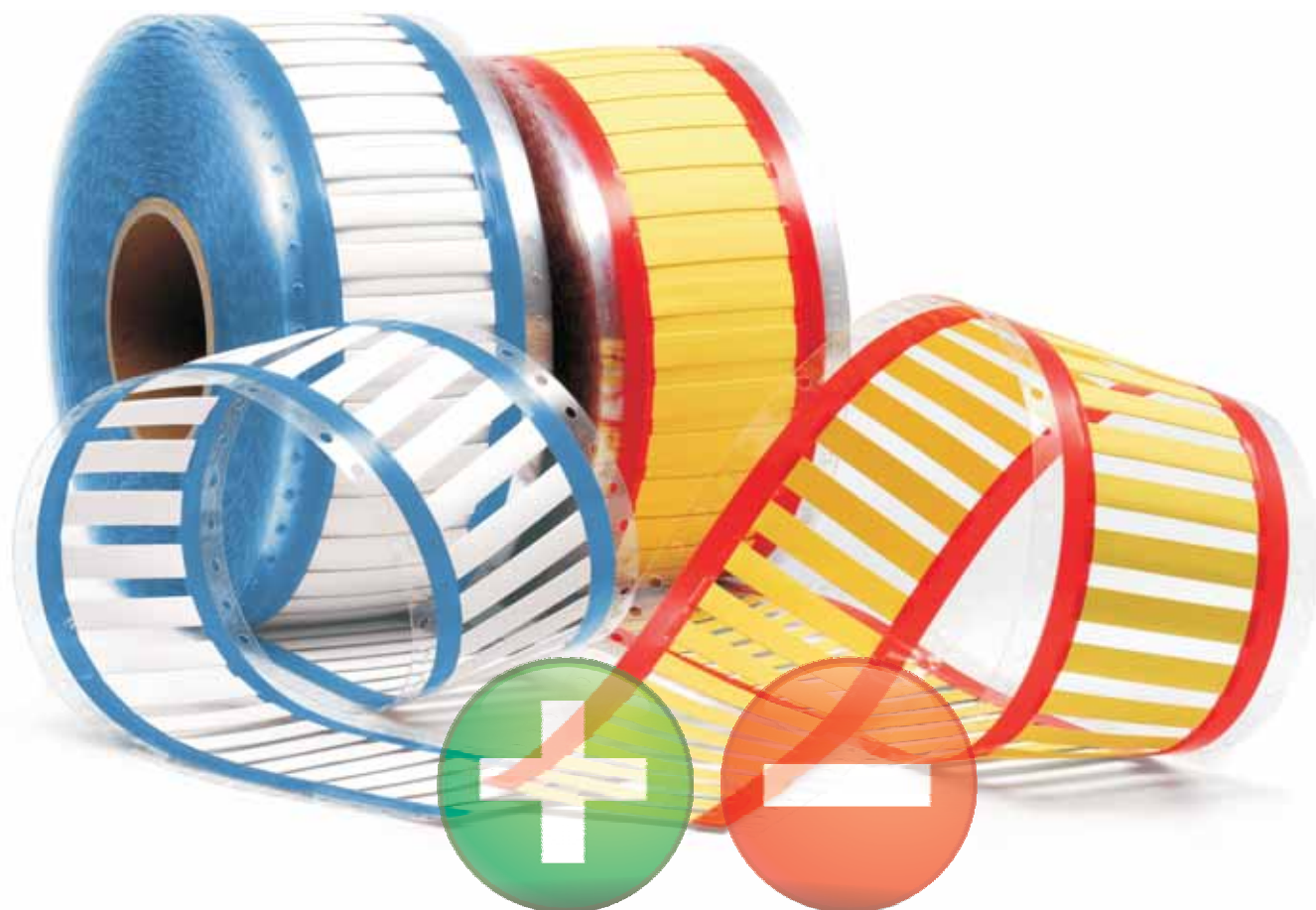


low-cost Jumbo pack

24h ready for despatch



Article-No.		before shrinking		after shrinking		Sleeves length (L)	Sleeves per roll	Price per roll
yellow	white	Inside-Ø (D1)	Print width (P)	Inside-Ø (D2)	Wall thickness (W)			
■ 3HUL2032YW	□ 3HUL2032WE	0.13" (3,18 mm)	0.2" (5 mm)	≤0.04" (1,06 mm)	0.03" (0,68 mm)	1.1" (28 mm)	5.000	453,75 €
■ 3HUL5032YW	□ 3HUL5032WE	0.13" (3,18 mm)	0.2" (5 mm)	≤0.04" (1,06 mm)	0.03" (0,68 mm)	2.2" (56 mm)	2.500	412,50 €
■ 3HUL2048YW	□ 3HUL2048WE	0.19" (4,75 mm)	0.31" (8 mm)	≤0.06" (1,59 mm)	0.03" (0,69 mm)	1.1" (28 mm)	4.000	550,00 €
■ 3HUL5048YW	□ 3HUL5048WE	0.19" (4,75 mm)	0.31" (8 mm)	≤0.06" (1,59 mm)	0.03" (0,69 mm)	2.2" (56 mm)	2.000	500,00 €
■ 3HUL2064YW	□ 3HUL2064WE	0.25" (6,35 mm)	0.39" (10 mm)	≤0.09" (2,36 mm)	0.03" (0,70 mm)	1.1" (28 mm)	4.000	638,00 €
■ 3HUL5064YW	□ 3HUL5064WE	0.25" (6,35 mm)	0.39" (10 mm)	≤0.09" (2,36 mm)	0.03" (0,70 mm)	2.2" (56 mm)	2.000	580,00 €
■ 3HUL2095YW	□ 3HUL2095WE	0.38" (9,53 mm)	0.59" (15 mm)	≤0.13" (3,18 mm)	0.03" (0,72 mm)	1.1" (28 mm)	4.000	825,00 €
■ 3HUL5095YW	□ 3HUL5095WE	0.38" (9,53 mm)	0.59" (15 mm)	≤0.13" (3,18 mm)	0.03" (0,72 mm)	2.2" (56 mm)	2.000	750,00 €
■ 3HUL5127YW	□ 3HUL5127WE	0.5" (12,7 mm)	0.79" (20 mm)	≤0.19" (4,75 mm)	0.03" (0,73 mm)	2.2" (56 mm)	1.000	475,00 €
■ 3HUL5191YW	□ 3HUL5191WE	0.75" (19,1 mm)	1.18" (30 mm)	≤0.25" (6,35 mm)	0.03" (0,75 mm)	2.2" (56 mm)	1.000	720,00 €
■ 3HUL5254YW	□ 3HUL5254WE	1" (25,4 mm)	1.57" (40 mm)	≤0.33" (8,47 mm)	0.03" (0,76 mm)	2.2" (56 mm)	500	545,00 €



## Particularities and differences in comparison

Properties	3HUL ...	3AMS ...
Shrink ratio	3:1	3:1
Voltage application	600 V	600 V
Color	yellow and white	yellow and white
Service temperature	-67°F to +257°F (-55°C to +125°C)	-67°F to + 275°F (-55°C to +135°C)
Complete shrink temperature	+239°F (+115°C)	+239°F (+115°C )
Imprint extremely filigree signs & fonts	yes	conditional
Abrasion-resistant from imprint	very good	particular good
Halogen free	yes	no
Fire behavior	no smoke emission, no drops or flow	flame retarded, self-extinguishing, no drops or flow
UI224 recognized	yes	no
CSA-certified	yes	no
AMS-DTL-23053/5 class 1 and 3	no	yes
MIL-STD-202F Method 215J	no	yes
SAE AS 81531	no	yes
IEC 61249-2-21	yes	no
2002/72/EC, Japan Toy Safety Standard part-3	yes	no
SONY SS00259	yes	no
RoHS conform	yes	yes
Storage goods	yes	yes

suitable **Accessories**

### Don't forget to order...

suitable ribbons for an excellent print result with an high resistance.



from **17,08**  
per Colour ribbon roll

Article-No.: FTA-Y076-300BK (black)

Do you prefer to place your order by telephone? +49 (0)9721 / 47699-0

## Zebra TLP 3842 Thermal transfer printer

This user-friendly thermal transfer printer is almost ideal for less extensive applications. The print resolution of the TLP 3842 with 300 dpi is especially recommended for applications where high-resolution printing is required. With the TLP 3842, you can print heat shrinkable sleeves as well as a variety of labels.

Print technology	Thermal- and thermal transfer
Resolution	12 dots/mm (300 dpi)
Print speed	max. 54 mm/sek.
Interfaces	Serial RS232, Parallel (Centronics), USB
<b>Article-No.</b>	<b>TLP3842</b>
Price	459,00 €



**459,00 €**

for Zebra TLP 3842

**24h ready for despatch**



## External unwinder for thermal transfer printer

Easy and versatile usable unwinder for the external fed of consumables. The unwinder is suitable for large rolls with inside or outside winding, which external will be fed in the thermal transfer printer. The unwinder is inexpensive and easy to use.

**19,95 €**  
for Unwinder



**D016-01204**

External unwinder of stainless steel  
9.84 x 7.68 x 7.48 inch  
(long x broad x high)

**24h ready for despatch**

## Recommended ribbons for Labelident heat shrinkable identification sleeves.



For an optimal imprint with high resistance the use of the suitable ribbon is essential. Ribbons for our heat shrinkable sleeves with best properties.

**24h ready for despatch**

Article-No.	Quality	Width inch (mm)	Length feet (m)	Packing	Roll core	Price per ribbon			
						from 1	from 3	from 6	from 10
© FTA-Y109-070BK	Y900	4.29 (109)	230 (70)	inkside out	½" (12,5 mm)	11,47 €	11,09 €	9,99 €	9,19 €
© FTA-Y076-300BK	Y900	2.99 (76)	984 (300)	inkside out	1" (25,4 mm)	21,79 €	19,38 €	17,99 €	17,08 €
© FTI-Y076-300BK	Y900	2.99 (76)	984 (300)	inkside in	1" (25,4 mm)	21,79 €	19,38 €	17,99 €	17,08 €

# A4+

203/300/600 dpi

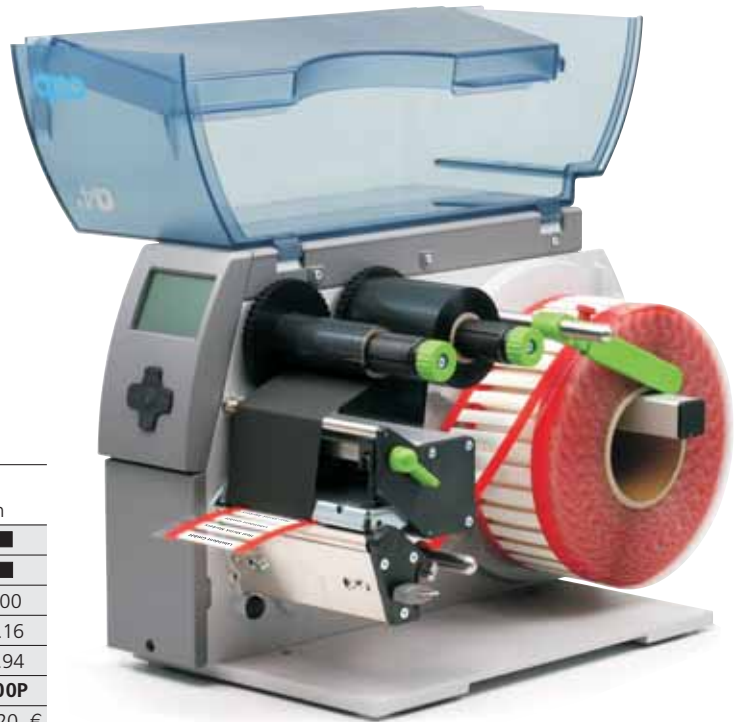
## The fast and exactly Print speeds up to 9.84 inch/s (250 mm/s)

The A4+ offers many possibilities to your wishes individual can be satisfied. He has a high print speed and is with 200, 300 or 600 dpi resolution available.

### Labelident Recommendation

cab 4+	Basic version with tear off edge			P-Version with dispensing function		
	200	300	600	200P	300P	600P
Thermal transfer print	■	■	■	■	■	■
Thermal direct print	■	■	■	■	■	■
Print resolution dpi	203	300	600	203	300	600
Print width to inch (mm)	4.09	4.16	4.16	4.09	4.16	4.16
Print speed to inch/s (mm/s)	9.84	9.84	3.94	9.84	9.84	3.94
Article-No. CAB-A4+/-...	200	300	600	200P	300P	600P
Price	1.395,-€	1.495,-€	1.930,-€	1.600,-€	1.690,-€	2.120,-€

■ Standard



from **1.395,00 €**  
for cab 4+ (203 dpi)

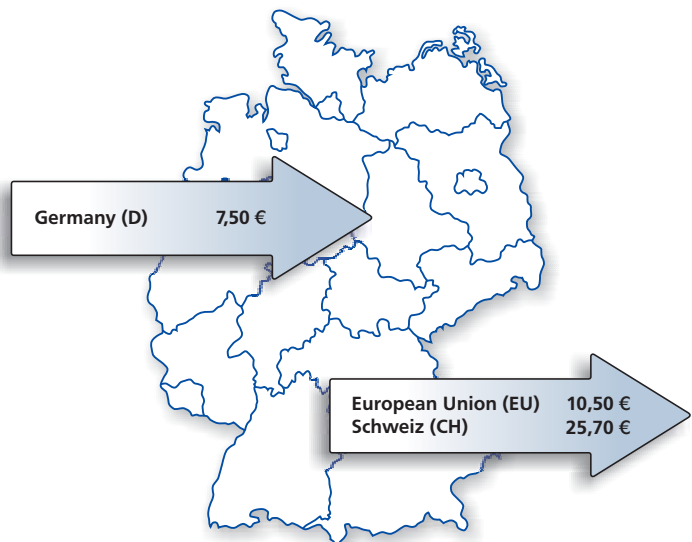
24h ready for despatch

## Cutter for CAB A+ Series

The heat shrinkable sleeve can after the printing with the cutter for CAB-thermal transfer printer to the individual length tailored will. This useful accessories facilitates the cutting of our heat shrinkable sleeve on roll in the thermal transfer printer.



Description	Cutter CU4
Application	CAB M4, A3, A4 and A4+ Series
Article-No.	<b>5948000</b>
Price	475,00 €



Labelident delivers exclusively to company customers (also freelancers, public-law institution, organizations and associations) in the EU and Switzerland. For deliveries within Germany we charge a flat rate of 7.50 €, to other EU countries 10.50 € and to Switzerland 25.70 € (shipping and additional costs for the customs clearance). On order values below 20.00 a low-quantity from 10,- € surcharge be charged. Prices are subject to alteration, mistakes are not excluded. The shown prices are net prices plus VAT. Our general Terms and Conditions apply.

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Ihr erfahrener Kennzeichnungsprofi!  
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