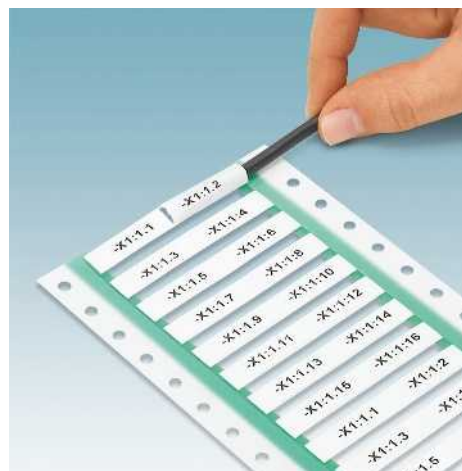


### Pre-assembled shrink sleeves

Can be marked using:



Thermal transfer for rolls

PRINTED  
FOR YOU



Conductor cross sections from 0.8 to 6.4 mm

- The shrink tubes WMS ... permanently identify conductors and cables
  - The tubes are pre-assembled for optimum use of material
  - Up to four markers per tube are separated by perforation
  - The conductor to be marked is easily threaded through the tube and fixed by shrinking the tube
  - The tubes remain flexible after shrinking
  - The shrink tubes offer the conductors additional electrical insulation and mechanical protection
- The following standards are satisfied:
- UL 224 (125°C, 600 V, all tubing-1)
  - CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing-1)
  - MIL-STD-202G, SAE AMS-DTL-23053, SAE AS-81531

#### Notes:

The special THERMOMARK-RIBBON ... WMSU is required for marking shrink sleeves WMS ..., see Printer, Page 36.

#### General data

Can be marked using

Material

Temperature range

Wipe resistance

Components

Shrink rate

[°C]

#### Technical data

THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.2

Polyolefine

-55 ... 135

DIN EN 61010-1 (VDE 0411-1)

Halogen-free

3:1

#### Ordering data

Description	Color
-------------	-------

**Shrink sleeve, for conductor diameters 0.8 - 2.4 mm**

1 roll = 1000 marker, each 15 mm long

white

1 roll = 500 marker, each 30 mm long

yellow

1 roll = 250 marker, each 60 mm long

white

**Shrink sleeve, for conductor diameters 1.0 - 3.2 mm**

1 roll = 1000 marker, each 15 mm long

white

1 roll = 500 marker, each 30 mm long

yellow

1 roll = 250 marker, each 60 mm long

white

**Shrink sleeve, for conductor diameters 1.6 - 4.8 mm**

1 roll = 1000 marker, each 15 mm long

white

1 roll = 500 marker, each 30 mm long

yellow

1 roll = 250 marker, each 60 mm long

white

**Shrink sleeve, for conductor diameters 2.1 - 6.4 mm**

1 roll = 1000 marker, each 15 mm long

white

1 roll = 500 marker, each 30 mm long

white

1 roll = 250 marker, each 60 mm long

yellow

Type	Order No.	Pcs. / Pkt.
------	-----------	-------------

WMS 2,4 (15X4)R

0800379

1

WMS 2,4 (15X4)R YE

0800412

1

WMS 2,4 (30X4)R

0800373

1

WMS 2,4 (30X4)R YE

0800407

1

WMS 2,4 (60X4)R

0800363

1

WMS 2,4 (60X4)R YE

0800398

1

WMS 3,2 (15X5)R

0800380

1

WMS 3,2 (15X5)R YE

0800413

1

WMS 3,2 (30X5)R

0800374

1

WMS 3,2 (30X5)R YE

0800408

1

WMS 3,2 (60X5)R

0800364

1

WMS 3,2 (60X5)R YE

0800399

1

WMS 4,8 (15X9)R

0800382

1

WMS 4,8 (15X9)R YE

0800414

1

WMS 4,8 (30X9)R

0800375

1

WMS 4,8 (30X9)R YE

0800409

1

WMS 4,8 (60X9)R

0800366

1

WMS 4,8 (60X9)R YE

0800400

1

WMS 6,4 (15X10)R

0801593

1

WMS 6,4 (30X10)R

0800376

1

WMS 6,4 (30X10)R YE

0800410

1

WMS 6,4 (60X10)R

0800367

1

WMS 6,4 (60X10)R YE

0800401

1

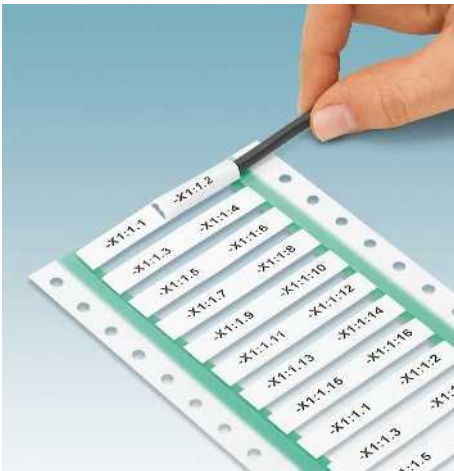


# Marking and labeling - MARKING system

## Conductor and cable marking

### Pre-assembled shrink sleeves

Can be marked using:



Thermal transfer for rolls

PRINTED  
FOR YOU



Conductor diameter from 3.2 to 38 mm,  
white and yellow

- The shrink tubes WMS ... permanently identify conductors and cables
- The tubes are pre-assembled for optimum use of material
- Up to four markers per tube are separated by perforation
- The conductor to be marked is easily threaded through the tube and fixed by shrinking the tube
- The tubes remain flexible after shrinking
- The shrink tubes offer the conductors additional electrical insulation and mechanical protection

The following standards are satisfied:

- UL 224 (125°C, 600 V, all tubing-1)
- CSA.C22.2 No. 198.1 (125°C, 600 V, all tubing-1)
- MIL-STD-202G, SAE AMS-DTL-23053, SAE AS-81531

#### General data

Can be marked using

Material

Temperature range

[°C]

Wipe resistance

Components

Shrink rate

#### Technical data

THERMOMARK ROLL • THERMOMARK ROLL X1 •

THERMOMARK X1.2

Polyolefine

-55 ... 135

DIN EN 61010-1 (VDE 0411-1)

Halogen-free

3:1

#### Ordering data

Description	Color	Type	Order No.	Pcs. / Pkt.
<b>Shrink sleeve, for conductor diameters 3.2 - 9.5 mm</b>				
1 roll = 500 marker, each 30 mm long	white	<b>WMS 9,5 (30X16)R</b>	<b>0800377</b>	1
	yellow	<b>WMS 9,5 (30X16)R YE</b>	<b>0800411</b>	1
1 roll = 250 marker, each 60 mm long	white	<b>WMS 9,5 (60X16)R</b>	<b>0800368</b>	1
	yellow	<b>WMS 9,5 (60X16)R YE</b>	<b>0800402</b>	1
<b>Shrink sleeve, for conductor diameters 4.2 - 12.7 mm</b>				
1 roll = 250 marker, each 60 mm long	white	<b>WMS 12,7 (60X20)R</b>	<b>0800369</b>	1
	yellow	<b>WMS 12,7 (60X20)R YE</b>	<b>0800403</b>	1
<b>Shrink sleeve, for conductor diameters 6.4 - 19.1 mm</b>				
1 roll = 250 marker, each 60 mm long	white	<b>WMS 19,1 (60X30)R</b>	<b>0800370</b>	1
	yellow	<b>WMS 19,1 (60X30)R YE</b>	<b>0800404</b>	1
<b>Shrink sleeve, for conductor diameters 8.5 - 25.4 mm</b>				
1 roll = 250 marker, each 60 mm long	white	<b>WMS 25,4 (60X40)R</b>	<b>0800371</b>	1
	yellow	<b>WMS 25,4 (60X40)R YE</b>	<b>0800405</b>	1
<b>Shrink sleeve, for conductor diameters 12.7 - 38.1 mm</b>				
1 roll = 250 marker, each 60 mm long	white	<b>WMS 38,1 (60X60)R</b>	<b>0800372</b>	1
	yellow	<b>WMS 38,1 (60X60)R YE</b>	<b>0800406</b>	1



Courtesy of Steven Engineering, Inc. - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Pre-assembled shrink sleeves

**Notes:**  
 The special THERMOMARK-RIBBON ... WMSU is required for marking shrink sleeves WMS ..., see Printer, Page 36  
 The external THERMOMARK ROLL-ERH media hub is required for RL rolls, see Printer, Page 36  
 The external THERMOMARK-ERH 500 media hub is required for RXL rolls, see Printer, Page 36.



Conductor diameter from 0.8 to 4.8 mm, white and yellow, on large roll



Conductor diameter from 0.8 to 4.8 mm, white and yellow, on extra large roll

General data		Technical data			Technical data			
Can be marked using		THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.2			THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.2			
Material		Polyolefine			Polyolefine			
Temperature range [°C]		-55 ... 135			-55 ... 135			
Wipe resistance		DIN EN 61010-1 (VDE 0411-1)			DIN EN 61010-1 (VDE 0411-1)			
Components		Halogen-free			Halogen-free			
Shrink rate		3:1			3:1			
Description		Ordering data			Ordering data			
Color		Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.	
<b>Shrink sleeve</b> , for conductor diameters 0.8 - 2.4 mm								
1 roll = 4000 marker, each 15 mm long		white	WMS 2,4 (15X4)RL	0800389	1	WMS 2,4 (15X4)RXL	0800396	1
1 roll = 10000 marker, each 15 mm long		white						
1 roll = 2000 marker, each 30 mm long		white	WMS 2,4 (30X4)RL	0800386	1	WMS 2,4 (30X4)RXL	0800394	1
1 roll = 5000 marker, each 30 mm long		white						
1 roll = 1000 marker, each 60 mm long		white	WMS 2,4 (60X4)RL	0800383	1	WMS 2,4 (60X4)RXL	0800392	1
1 roll = 2500 marker, each 60 mm long		white						
<b>Shrink sleeve</b> , for conductor diameters 1.0 - 3.2 mm								
1 roll = 4000 marker, each 15 mm long		white	WMS 3,2 (15X5)RL	0800390	1	WMS 3,2 (60X5)RXL YE	0803102	1
1 roll = 2000 marker, each 30 mm long		white	WMS 3,2 (30X5)RL	0800387	1			
1 roll = 1000 marker, each 60 mm long		white	WMS 3,2 (60X5)RL	0800384	1			
1 roll = 2500 marker, each 60 mm long		yellow						
<b>Shrink sleeve</b> , for conductor diameters 1.6 - 4.8 mm								
1 roll = 4000 marker, each 15 mm long		white	WMS 4,8 (15X9)RL	0800391	1	WMS 4,8 (15X9)RXL	0800397	1
1 roll = 10000 marker, each 15 mm long		white						
1 roll = 2000 marker, each 30 mm long		white	WMS 4,8 (30X9)RL	0800388	1	WMS 4,8 (30X9)RXL	0800395	1
1 roll = 5000 marker, each 30 mm long		white				WMS 4,8 (30X9)RXL YE	0803313	1
1 roll = 1000 marker, each 60 mm long		yellow	WMS 4,8 (60X9)RL	0800385	1	WMS 4,8 (60X9)RXL	0800393	1
1 roll = 2500 marker, each 60 mm long		white				WMS 4,8 (60X9)RXL YE	0803103	1
1 roll = 2500 marker, each 60 mm long		yellow						
<b>Shrink sleeve</b> , for conductor diameters 2.1 - 6.4 mm								
1 roll = 4000 marker, each 15 mm long		white	WMS 6,4 (15X10)RL	0801594	1	WMS 6,4 (15X10)RXL	0801595	1
1 roll = 2500 marker, each 15 mm long		white				WMS 6,4 (60X10)RXL YE	0803104	1
1 roll = 2500 marker, each 60 mm long		yellow						
<b>Shrink sleeve</b> , for conductor diameters 3.2 - 9.5 mm								
1 roll = 1000 marker, each 60 mm long		white	WMS 9,5 (60X16)RL	0803105	1			
		yellow	WMS 9,5 (60X16)RL YE	0803106	1			
<b>Shrink sleeve</b> , for conductor diameters 4.2 - 12.7 mm								
1 roll = 1000 marker, each 60 mm long		yellow	WMS 12,7 (60X20)RL YE	0803107	1			
<b>Shrink sleeve</b> , for conductor diameters 6.4 - 19.1 mm								
1 roll = 1000 marker, each 60 mm long		yellow	WMS 19,1 (60X30)RL YE	0803108	1			