

# Laminate tag . Zero Halogen

## Tie-on laminate Tag

## On-site marking

### TECHNICAL DATA SHEET

Revision Number. 1  
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Tie-on laminate marker for on-site manual marking using handheld printer tapes. For use in fibre optic - patch cable and other installation where a tie-on solution is required. Using a handheld printer printing technical labels they can be applied easily and the clear protection polyester top foil gives extra protection.

Service life: Expected service lifetime for the products is minimum 10-15 years according to DS 1094.4

Material: polypropylene and clear polyester topfoil with acrylic adhesive

Versions: The product comes in a transparent HD for your own colour coding of the markers and sulfur yellow.

## Industry



Industry



Marine



Wind power



Commercial



Aerospace



Construction



Railway



Military



Electrical installations



Petrochemical



Telecom

### STANDARD COLORS



### MATERIAL

Polypropylene and clear polyester film with a permanent pressure sensitive acrylic adhesive mounted backed with a glassine release liner.

### ADHESIVE

Solvent based permanent acrylic adhesive

### TEMPERATURE RANGE

-10°C to 60°C (14°F to 140°F)  
Application Temperature  
18°C to 35°C

### RECOMMENDED PRINTERS

Handheld label printer or thermal transfer printer

### SMUDGE & SCRATCH RESISTANCE

Good Smear Resistance

### RESISTANCE TO SOLVENTS

Excellent

### ROHS COMPLIANT

Yes

### HALOGEN FREE

Yes

### UL CERTIFICATION

No

### STORAGE

From date of manufacture 2 years. Cool and dry in original packaging. Recommended temperature. 70°F - 21°C - 50% RH - Relative Humidity

Prolonged storage at higher temperatures and / or higher humidity will shorten shelf life.

### APPLICATIONS

Developed to be used in normal Industry, Wind Power, Commercial, Construction, Electrical, Telecom and industrial signs etc.

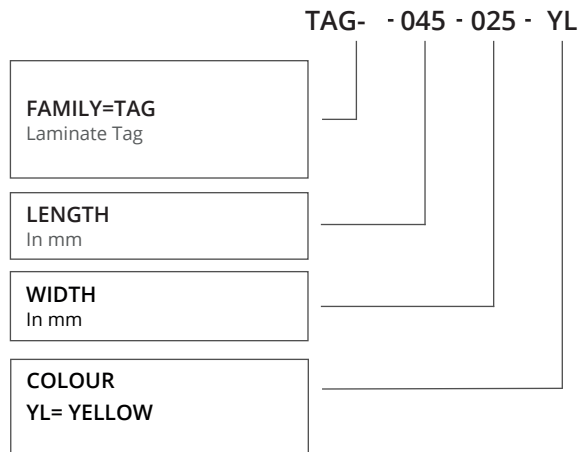
**ENVIRONMENTAL**

PROPERTIES	TEST METHOD	TYPICAL VALUE
UV-A 340 nm 1000 hours Light 60 ° irradiation 0.76 W/m <sup>2</sup> power duration 8 hours - Spray duration 15 min. - Condensation 50 ° duration 3,45 hour.	Visual Inspection. DTI Denmark has tested the product according to DS 1094.4. Expected service lifetime is minimum 10-15 years without delamination	No creasing or cracking  No visual effect. Good contrast and visibility

## Ordering Info - Part Number Example

**PART NUMBER EXAMPLES** - Laminat tag 40x25mm Yellow

### Product code



## General Values for Laminat Marker

### TOP FILM

PROPERTIES	TEST METHOD	TYPICAL VALUE
Polyester (-PET)		<1 mm
Facestock thickness	FTM 12	50 micron ± 10%
Halogen free		Yes
Colour		Transperent

### TOP FILM THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Service Temparature Range	.....	-10° - 60°C

### TOP FILM ADHESIVE PHYSICAL - High initial tack - shear strength - Good UV and ageing -

PROPERTIES	TEST METHOD	TYPICAL VALUE
Long life adhesive		
UV resistant pressure sensitive acrylic adhesive		
High adhesion on low energy surfaces		
Acrylic based adhesive		

### ADHESIVE THERMAL - MODIFIED ACRYLIC ADHESIVE

PROPERTIES	TEST METHOD	TYPICAL VALUE
Operating Temperature	.....	-40° - +60°
Labelling Temperature Min		+10°C
Max Temperature		60°C

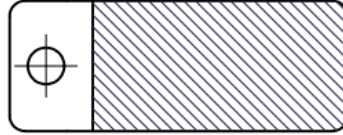
### PP CARRIER -

PROPERTIES	TEST METHOD	TYPICAL VALUE
UV Stabilised Polypropylene (PP)		
Thickness		500 micron
Colour		Yellow
Halogen Free		Yes

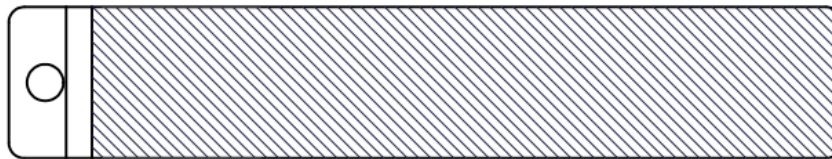
### LINER DATA - ONE SIDE SILICONISED, TOTALLY CHLORINE-FREE (TCF), WOOD-FREE KRAFT

PROPERTIES	COLOUR	TYPICAL VALUE
Polyethylen film	White	Weight 120g/m <sup>2</sup>

TAG-045x025-YL recommended label size - ERT-A-038x019-YL



TAG-133x029-YL recommended label size - ERT-SA-095x020-Y


**SIZE GUIDE**

PRODUCT CODE	FULL SIZE IN MM	PRINTABLE AREA IN MM MAX	TAG PER BOX	RECOMMENDED LABEL SIZE
TAG-045x025-YL	65x25	38x25	50 pcs	ERT-A-038x019-YL
TAG-133x029-YL	160x29	133x29	25 pcs	ERT-SA-095x020-YL