

Laminate Markers

Tie-on laminate markers

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

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.

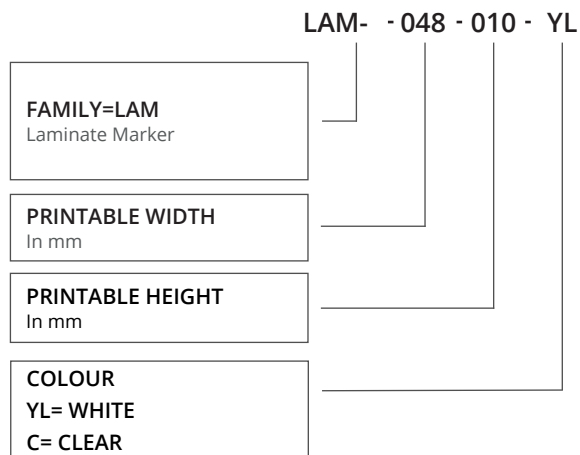
ENVIRONMENTAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
UV-A 340 nm 1000 hours Light 60 ° irradiation 0.76 W/m ² 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 Marker 48x10mm 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 \pm 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

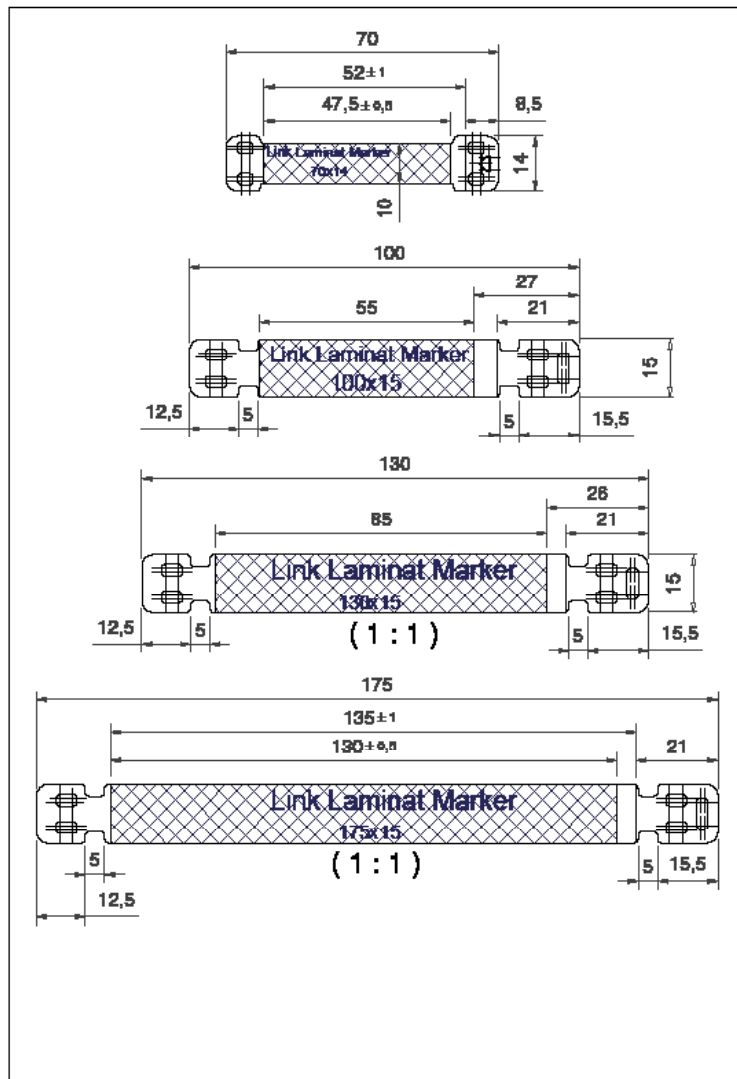
PROPERTIES	TEST METHOD	TYPICAL VALUE
Operating Temperature	-40° - +60°
Labelling Temperature Min		+10°C
Max Temperature		60°C

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 ²



SIZE GUIDE

DESCRIPTION	FULL SIZE	PRINTABLE AREA MM
LAM-048x010-YL	70x14	48x10
LAM-055x015-YL	100x15	55x15
LAM-060x015-YL	95x15	60x15
LAM-085x015-YL	130x15	85x15
LAM-130x015-YL	175x15	130x15