

## Dymo LetraTag Plastic EU

Revision Date: 21 January 2016

### Description

Letratag EU is a one-tape system available in 6 different color combinations and one width of 12 mm/ ½ Inch. The tape length is 4 meters. The material is polyester (PET ) tape used for direct thermal printing. It is formulated with an acrylic adhesive and is mainly used for general identification in home and office environments. The tape adheres well to smooth surfaces, however is not recommended for heavily textured, curved or rounded surfaces.

### DYMO Part Numbers

Material	Material Description
12331	TAPE LETRATAG 3 PACK 1 2"X13 BELGIUM
16952	CLEAR LETRATAG TAPE BELGIUM
91331	DYMO.LBL PLSTIC PEARL WHITE BELGIUM
91332	DYMO TAPE LETRATAG YELLOW PLASTIC BELGI
91333	LBL PLSTIC CSMIC RED BELGIUM
91335	LBL PLSTIC ULTRA BLU BELGIUM
91338	METALLIC SILVER
712267	LT.TAPE 6X PLAST.CLEAR AUS/NZ
791201	LET. TAPE PLAST WHITE 6 PACK
791202	LET. TAPE PLAST YELL 6 PACK
791203	LET. TAPE PLAST RED 6 PACK
791204	LET. TAPE PLAST GREEN 6 PACK
791205	LET. TAPE PLAST BLUE 6 PACK
791208	LETRATAG TAPE METAL SILV 6 PAC
791240	LETRATAG TAPE 3ROLL PACIFIC
1956287	2-PACK LETRATAG NEON TAPES DE/NE
1956289	2-PACK LETRATAG NEON TAPES EE
1956290	2-PACK LETRATAG NEON TAPES UK/FR
S0721530	LETRATAG TAPE PLAST.CLEAR W.EU
S0721540	LETRATAG TAPE PLAST.CLEAR E.EU
S0721550	LETRATAG TAPE PLAST.CLEAR SCAN
S0721560	LETRATAG TAPE PLAST WHITE EAST
S0721570	LETRATAG TAPE PLAST YELL EAST
S0721580	LETRATAG TAPE PLAST RED EAST
S0721590	LETRATAG TAPE PLAST GREEN EAST
S0721600	LETRATAG TAPE PLAST BLUE EAST
S0721610	LETRATAG TAPE PLAST WHITE UK/F

S0721620	LETRATAG TAPE PLAST YELL UK/FR
S0721630	LETRATAG TAPE PLAST RED UK/FR
S0721640	LETRATAG TAPE PLAST GREEN UK/F
S0721650	LETRATAG TAPE PLAST BLUE UK/FR
S0721660	LETRATAG TAPE PLAST WHI G/SCAN
S0721670	LETRATAG TAPE PLAST YELL G/SCA
S0721680	LETRATAG TAPE PLAST RED G/SCAN
S0721690	LETRATAG TAPE PLA GREEN G/SCAN
S0721700	LETRATAG TAPE PLAST BLUE G/SCA
S0721710	LETRATAG TAPE METAL SILV EAST
S0721720	LETRATAG TAPE METAL GREEN EAST
S0721730	LETRATAG TAPE METAL SILV UK/FR
S0721740	LETRATAG TAPE METAL GREEN UK/F
S0721750	LETRATAG TAPE METAL SILV G/SCA
S0721760	LETRATAG TAPE METAL GREEN G/SC
S0721780	LETRATAG TAPE 3ROLL EAST
S0721790	LETRATAG TAPE 3ROLL UK/FR
S0721800	LETRATAG TAPE 3ROLL G/SCAN
S0747180	LTAG 3ROLL BTS08 S EUR
S0923300	12MMX7M BLK/YEL BL1
S0923310	12MMX7M BLK/WHI BL1
S0923320	12MMX7M BLK/CLR BL1
S0822600	LETRATAG TAPE 3ROLL E.EU

### Available Colors & Sizes

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Print Color	Tape Color	Available Widths (in, mm)
Black	Clear	½ ", 12
Black	White	½ ", 12
Black	Yellow	½ ", 12
Black	Red	½ ", 12
Black	Blue	½ ", 12
Black	Green	½ ", 12

### Certifications and & Standards Adherence

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To the best of our company's knowledge we declare that our products meet the most recent standards of the European Directives considering REACH and ROHS. None of the substances identified as "substance of concern"

has been and will be contained in the product(s), listed on this Technical Data Sheet, to a higher level than mentioned in the European Directives considering REACH and ROHS.

### Physical Properties

Property	Unit	Value	Test Method
Thickness tape	Micron	146 ± 10%	Micrometer
Thickness liner	Micron	54 ± 8%	

### Adhesive Properties

#### *Adhesion to Surfaces*

Surface	20 min	24 hrs.	Test Method
Stainless steel	7.5	10	PSTC-1
Glass	9	10	
PVC	10	11	
Powder coated steel	6	6	
Wood	2	4	
Polypropylene	7	8	
Polyethylene	4	5	
Lever Arch File	2	2	

### Chemical Resistance Printed in Letratag XR

Chemical	# of rubs	Result	Test Method
Water	30	No visible effect	Crockmeter CM5-AATCC 900 g Weight arm
Isopropanol	30	Not legible	
Ethanol	30	Not legible	
Ethyl Acetate	30	Not legible	
Skydrol (hydraulic engine oil )	30	No visible effect	
Fuel	30	No visible effect	
Gasoline	30	No visible effect	
Acetone	30	Not legible	
Cleaning soap	30	No visible effect	
General degreaser	30	Not legible	
Cellulose thinner	30	Not legible	

### Abrasion Resistance

Abrasive Object	# of rubs	Result	Test Method
Pencil erasure	30	No visible effect	Crockmeter CM5-AATCC 900 g Weight arm
Polystyrene pin	30	No visible effect	
Sandpaper	30	Moderate print removal	

### UV Light Resistance

UV light stability :	Time	Result	Test Method
Label	30 days <sup>1</sup>	Moderate visible effect on text and background	
Label	30 days <sup>2</sup>	Moderate visible effect on text and background	

- 1 UV filter in Atlas CPS+ suntester  
Corresponds with one year real life outdoor exposure in direct sunlight in Central Europe
- 2 UV window filter in Atlas CPS+ suntester  
Corresponds with one year real life behind window glass in Central Europe

### Temperature Stability

#### *Application Temperatures*

Application Temp.	°C	°F
Minimum	10	50

#### *Service Temperatures*

Service Temp.	°C	°F
Long Term Range Low	-18	-0.4
Long Term Range High	60	140
Short Term High	90	194

### Humidity Resistance

<b>Humidity resistance of applied label</b>	
30 days at 45°C / 113 °F 85 % R.H.	No visible effect on text and background

**Shelf life of label cassette**

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1 year at 5-25 °c / 41-77 ° F and 40-85 % relative humidity when stored in its original packaging.  
We are confident that our product will well beyond this frame.  
However , it remains the responsibility of the user to assess the risk of using such product.