



Dotty is a semi-rigid PVC blended with 74% of materials sourced from **approved companies** operating in accordance with **ECVP** (Environmental Claim Validation Procedure) standards for recycled content (UL 2809 - 4th edition).

Dotty is conceived in accordance with current **environmental** and **health** regulations.

ENVIRONMENTAL SUSTAINABILITY



Use of **74% reconditioned material** in compliance with ECVP standards



Dotty is a homogeneous product consisting only of polyvinyl chloride, therefore easily recyclable or associated with **municipal solid waste**.

All packaging materials are made from partially **recycled** and 100% **recyclable** materials. We always recommend to check your local recycling regulation.



Corrugated cardboard boxes,
95% recycled



Non-corrugated cardboard tubes
60% recycled



Low density polyethylene protections
80% recycled



High density polyethylene caps and straps
70% recycled

HEALTH AND HYGIENE STANDARDS

Dotty composite is compliant with **current health and hygiene regulations**.



Does not contain carcinogenic components



It does not represent an environmental hazard as it is self-extinguishing B1 class



Does not contain heavy metals



It can come into contact with food without causing migration of harmful substances

APPLICATIONS

The **removable dot glue** (made from solvent-dispersed acrylic resin) gives the product **superior application features**. Ideal for:

- Advertising campaigns** in chain stores, which application and removal can be carried out directly by the staff inside the store
- Short-term applications on **windows** and **walls**
- Graphics that require a **seasonal replacement**





APPLICATION WARNINGS

It is very important that the surface on which you are going to apply the product must be appropriately clean and smooth and free of defects before application. We recommend applications from 3 to 12 months, otherwise the adhesive may become permanent depending on the level of sun exposure. Installation must not take place below 8°C and above 32°C.

PRINTABILITY

Suitable for eco-solvent, UV Curable and Latex inks. **Note:** best printing conditions: 16-28°C, humidity 30-60%. Warning: when realizing saturated images, the die cutting at the edges of the printed image has to be avoided; it would be better to leave an edge of a few millimeters from the printed area, to prevent the image edges from curling. Anyway, if you cut the printed areas, it is highly recommended that the ink drying process is completed, be aware that the ink is totally dried or cured before cutting the selvages.

STORAGE

6 months under ordinary conditions at the mean temperature of $23 \pm 2^\circ\text{C}$ (min. 18°C, max. 25°C) and relative humidity of 40 - 65%. A high storage temperature and humidity may change the characteristics of the material. Such alterations can adversely affect printing and installation behaviour.

TECHNICAL FEATURES

ELEMENT	DESCRIPTION	NORM	UNIT	VALUE	
PRODUCT	Type of support			Monomeric vinyl blended with 74% reconditioned PVC	
	Layers		my - gsm	Front Layer: PVC 100 my \pm 5 (150 gsm \pm 5)	
				my	Liner: stabilized monosilicone kraft paper 120 my
				my	Back treatment:removable dot glue made from solvent-dispersed acrylic resin 20 my
	Total thickness		my	240 \pm 5	
Total weight			gsm	260 \pm 5	
TECHNICAL CHARACTERISTICS	Elongation at break	ASTM D638 M89	%	>150	
	Release force		N/25mm	$0.1 \leq x \leq 0.15$	
	Peeling force (24h)		N/25mm	$2.0 \leq x \leq 5.0$	
	Dimensional stability	MD-ASTM D1204-02	in	≤ 0.1	
	Surface tension	ASTM D2578-04°	dyne/cm	32 ÷ 36	
	Fire resistance	DIN 4102-1		B1	
	Working temperature (24h after application)		°C	-20 ÷ 80	
	Application temperature		°C	8 ÷ 32	

NOTES

Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.

