

V452

TWIST LABEL

Description

A crystal clear, gloss overlaminating polyester film with print treated surface for enhanced ink adhesion.



Material Top coated polymer film with a pressure sensitive adhesive and is used in a self-laminating format for wire/cable marking.

Print method Thermal transfer

Physical data

Facestock		
Basis Weight	32 g/m ²	ISO 536
Caliper	23 µm	ISO 534

Adhesive		
High cohesive, permanent, solvent-based acrylate adhesive		

Non-adhesive clear polyester material		
Substance	42 g/m ²	ISO 536
Caliper	30 µm	ISO 534
Tensile strength MD	60.0 N/mm ²	DIN 53455
Tensile strength CD	60.0 N/mm ²	DIN 53455

Liner		
Basis Weight	81 g/m ²	ISO 536
Caliper	84 µm	ISO 534

Performance Data		
Initial Tack	10 N/25mm	FTM 9 Glass
Peel Adhesion 90	9 N/25mm	FTM2 st.st 24 hrs
Min. Application Temp.	0°C	
Service Temperature	-80 °C to 150 °C	

Adhesive Coat Weight	24 g/m²	FTM12
Adhesive Type	Solvent Acrylic	
Printability – Physical Resistance		
Ribbon	Settings – speed energy	Print Quality
AR-01	3 - 30	+
AR-10	3 - 25	++

Chemical Resistance									
Ribbon	ANTI-Freeze	Biodiesel	Brake fluid	Cleaner solvent	Engine oil	Gasoline	Hard wax polish	Isopropanol	Spirit
AR-01	+	+	+	+	+	+	+	+	+
AR-10	+	+	-	0	+	-	+	+	0
	+: good (no change)	0: acceptable (minor change, still readable)	-: poor						

Storage

Store at 20-25°C and 40-50% Relative Humidity.

Compliance

UL / C-UL

UL and C-UL recognized: (UL 969, CSA C22.2 No. 0.15). The UL file number is MH27538. This material complies with BS 5609, Section two, Marine Immersion Test.

RoHS2

This material is in compliance with Europe parliament directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

SVHC / REACH

Based on our supplier's declarations we can confirm that this product does neither contain any substances in a concentration greater than 0.1 weight-% listed in the Candidate List of Substances of Very High Concern (SVHC) published by the European Chemical Agency (ECHA) (<https://echa.europa.eu/candidate-list-table>, last updated on 19/01/2021) nor substances listed in Annex XIV of Regulation (EC) no. 1907/2006.

Disclaimer

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