

# A452

## 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 <sup>2</sup>	ISO 536
Caliper	23 µm	ISO 534

Adhesive		
High cohesive, permanent, solvent-based acrylate adhesive		

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

Liner		
Basis Weight	81 g/m <sup>2</sup>	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/m <sup>2</sup>	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
	<b>+</b> : good (no change)	<b>0</b> : acceptable (minor change, still readable)	<b>-</b> : poor						

### Storage

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

### Certificates

#### REACH

Please contact Altec for the latest REACH document available.

#### RoHS

Please contact Altec for the latest RoHS document available.

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