

AR-23

INK RIBBON



Description

ALTEC ribbon is a Ultra-durable Performance speciality resin ribbon for thermal transfer printers that produces the ultimate in print performance. The print image has excellent chemical resistance, scratch resistance for most demanding applications. Recommended label stocks TPE-E, polypropylene, polyester, Polyimide. For use on a wide range of identification products. Ideal for use in environments where the marker may come into direct contact with solvent or chemical.

Can be used for applications requiring resistance to high temperature Print performance and immersion into fluids like pentosin (Brake oil).

Material	Polyester	Smudge & scratch resistance	Superior
Ink type	Premium Resin	Resistance to solvents	Superior Resistant against solvents and chemicals
Color	Black	Halogen free	Yes
Melting point	120°C (248°F)		
Heat resistance	Minimum 150°C		

Ordering Info Ribbon Inkside Out

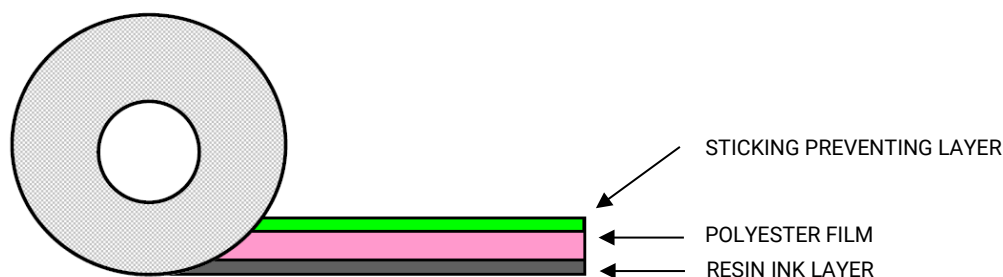
PART NUMBER	TYPE	W X L RIBBON	MATERIAL	QTYPCS	COLOR	UOM	WINDING DIRECTION	INNER CORE DIAMETER
FTI-HX-CSO-05x300-BK	Ribbon	105mm x 300 Meter (4 inches x 984 Feet)	Premium Resin	1	Black	Roll	Inkside out - CSO	25.4mm (1 inch)
FTI-HX-CSO-053x300-BK	Ribbon	53mm x 300 Meter (2,08 inches x 984 Feet)	Premium Resin	1	Black	Roll	Inkside out - CSO	25.4mm (1 inch)

Properties - Performance

Heat Resistance*				
Scratch Resistance				
Alcohol Resistance				
Print Sensitivity				

Heat Resistance* up to 240 dgc (tested with polyester)

Drawing - Ribbon Inkside Out



THICKNESS OF RIBBON	µm	6,6
THICKNESS OF POLYESTER FILM	µm	4,5
INK THICKNESS	µm	1,6
MELTING POINT	dgc	120
PRINT DENSITY		1,9

General Values for Thermal transfer Ribbon

INK PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Coating Weight	...	1,8 g/m2
Type of ink	...	Premium Resin
Sensitivity of Ink	...	Middle-Medium

INK THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Temperature Melting Point	...	-120° C -(248°F)

SUBSTRATE PHYSICAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Material	...	Polyester
Thickness total	...	6,6 µm
Print Density	...	1,9
Base Film Thickness	...	4,5 µm

SUBSTRATE THERMAL

PROPERTIES	TEST METHOD	TYPICAL VALUE
Temperature melting point	...	120 ° C<

IMAGE STABILITY

PROPERTIES	TEST METHOD	TYPICAL VALUE
Heat resistance	...	130 °C for 312 hours -
Scratch resistance	...	Superior
Smugde resistance	...	Superior
Solvent resistance	...	Superior

Storage

Do not store in direct sunlight. From date of manufacture 1 year. Cool and dry in original packaging. Recommended temperature. -5°C (23°F) and 40°C (104°F) is the most critical temperatures it can be stored under. Prolonged storage at higher temperatures and / or higher humidity will shorten shelf life.

Application

Developed to be used in Aerospace, Military , Defence, Mass Transit and can be used also in the normal Industry, Wind Power, Commercial, Construction, Electrical and Telecom installations, wire & cabling for cable and wire marking products.

Disclaimer

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