



TECHNICAL DATA SHEET 技术资料

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TL365NS

Type of Adhesive

Polyurethane based reactive hot melt adhesive.

Typical Applications

Sew Free technology, applied by the glue jet machine. Sew free technology provides one solution to apparel a kind of durable bonding with better precise, better performance and better possibility for design. It provide the comfort, flexibility, breathability, stretch and recovery of the garment. After cured, it provide the good resistance to processing heat, washing performance and excellent bonding to most fabrics. In addition, it helps to optimizing the materials, reduce labor work, and improve the manufacturing effect. It can replace parts of traditional tape and sewing.

Product Benefits

TL365NS is standard product.

- Fast dry after jet.
- Stable for 3 hours (open time) when placing in standard condition (25C/50%).
- Good bonding strength and good washing performance after cured.

Suitable substrates

Fabrics/Non-woven/Film

Typical Technical Data

Density	approx. 1.18 g/cm ³ at 20°C
Typical viscosity	approx. 12,000 cps at 130°C
	approx. 9,600 cps at 140°C
	approx. 8,300 cps at 150°C
Colour	off white

Application Instructions

Machine

The glue is applied by special PUR disperse machine.

Open time

< 2 MIN (25C, dots, dot size 0.8-1mm)

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Working temperature	Cartridge temperature approx. 100-115°C Noddle temperature approx. 135-160 °C
Re-active condition	50-70 deg C/ 10-30 seconds/ 1-5kgf (depends on substrates)
Curing Condition	We suggest at 24 hours as curing time in standard condition 23C/50%. Final cure is achieved by reaction with ambient moisture or moisture from the substrate. Curing time depends on the access of humidity to the bonding seam, i.e. the humidity of the substrate, substrate permeability, adhesive film thickness, relative air humidity and ambient temperature.
Cleaning Instructions	We suggest EH 2000 as the cleaner for this glue.
Typical Packaging	30mL Syring /300mL Cartridge
Storage Conditions	6 Months (In good sealant, within 5°C and 30°C)
Disposal Advice	Please refer to MSDS for disposal instructions.
Safety Advice	Please refer to MSDS for safety advice.

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