

Thermolabel

The series Thermolabel is a heat resistant water-based flexo printing ink, specially developed for all thermal materials. With excellent processability and high heat- and temperature- resistance. Using Thermolabel on ECO materials, only our Thermal Retarder TL9003 is recommended. Other additives may react with the paper and causes colour changing.

Storage	Additives	Production
Storage stability in original packaging when stored between 15° and 25°C is 9-24 months.	9037 PR 9003 TL 9006 TL 2000 RS Cleaner for Printing Plates 2400 RS Cleaner	Colour mixings from PANTONE® or from a colour sample are produced from 5 kg.
Packaging	Safety data sheet	Hazardous Substances Statement
5 kg Plastic Can	Safety data sheet on request	See safety data sheet

Product Code	Colour	Viscosity 4 mm 20° C	Lightfast ness ¹	Alkali	Acid	Water resistance	TT ²	Paper			Film ³⁺⁴				Thermal Paper ⁵	
								Coated	Un coated	Carton	PE	PP	OPP	Metall	Top	Eco
Process Colours																
3010 TL	Proc. Yellow	25s±5	7 - 8	+	+	+	+	+	+	+	-	-	-	-	+	+
0010 TL	Proc. Magenta	20s±5	4 - 5	O	O	+	+	+	+	+	-	-	-	-	+	+
2010 TL	Proc. Cyan	30s±5	8	+	+	+	+	+	+	+	-	-	-	-	+	+
7010 TL	Proc. Black	25s±5	8	+	+	+	+	+	+	+	-	-	-	-	+	+
PANTONE																
031 TL	Yellow	25s±5	7 - 8	+	+	+	+	+	+	+	-	-	-	-	+	+
033 TL	Orange	25s±5	6	+	+	+	+	+	+	+	-	-	-	-	+	+
001 TL	Warm Red	25s±5	6 - 7	+	+	+	+	+	+	+	-	-	-	-	+	+
032 TL	Red 032	25s±5	6 - 7	+	+	+	+	+	+	+	-	-	-	-	+	+
002 TL	Rubine Red	20s±5	4 - 5	O	O	+	+	+	+	+	-	-	-	-	+	+
003 TL	Rhodamine Red	25s±5	4	+	+	+	+	+	+	+	-	-	-	-	+	+

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011 TL	Purple	30s±5	4	+	+	+	+	+	+	+	-	-	-	-	+	+
1120 TL	Violet	25s±5	6 - 7	+	+	+	+	+	+	+	-	-	-	-	+	+
072 TL	Blue 072	25s±5	4	+	+	+	+	+	+	+	-	-	-	-	+	+
021 TL	Reflex Blue	25s±5	7	+	+	+	+	+	+	+	-	-	-	-	+	+
022 TL	Proc. Blue	25s±5	8	+	+	+	+	+	+	+	-	-	-	-	+	+
051 TL	Green	25s±5	8	+	+	+	+	+	+	+	-	-	-	-	+	+
071 TL	Black	25s±5	8	+	+	+	+	+	+	+	-	-	-	-	+	+
061 TL	Trans. White	35s±5		+	+	+	+	+	+	+	-	-	-	-	+	+
6610 TL	Covering White	25s±5		+	+	+	+	+	+	+	-	-	-	-	+	+

¹ Outdoor use can reduce the lightfastness.

² Suitability for hot stamping and printing with thermal transfer tapes should be tested under realistic conditions.

³ Corona-pretreatment of the substrate is recommended.

⁴ For printing on films our Polylabel-Series is recommended.

⁵ For printing on thermal paper our Thermolabel-Series is recommended.

The information contained in this leaflet are intended as guidelines. They are based on experience after thorough testings in the laboratory and testings under realistic conditions. The contents are not legally binding.

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+ very good suitable O limited suitable - not suitable

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