TECHNICAL DATA SHEET

PRINTING THERMAL TRANSFER RIBBONS AND INKS

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1. INTRODUCTION

The “Identification Printer Product Ribbon Matrix” (TE document number 411-121005), must be consulted in conjunction with this document.
This document supersedes all previous Thermal Transfer ribbon and ink technical data sheets.

Note!
Previously supplied Dot Matrix (DM) Inks, are no longer compliant to REACH regulations, and so are no longer supplied by TE Connectivity. Please download IPB 186 and IPB 209 for alternative printing methods and further information. Alternatively, please contact your local TE representative.

Caution: It is recommended to store ribbon in a cool, dark place. Avoid storing ribbon in a location that would expose it to high temperature, high humidity, or direct sunlight. Print performance cannot be guaranteed if shelf life and storage conditions are not adhered to.



Thermal Transfer ribbons

A downloadable declaration and further information covering RoHS and REACH compliance can be found at the ‘TE Product Compliance Support Centre’: product-compliance

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2. BLACK 1966-RIBBONS, RIB-1976, RIB-1982, RIB-1997 THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
1966-RIBBON	F55931-000	3 years, when stored between 5°C (41°F) and 35°C (94°F) Relative Humidity 45 to 85%RH	300m (984 feet)	100mm (3.9 inches)	25.4mm (1 inch)	Ink side out	Black	Premium Resin
LBF-2000P-RIBBON-1966-MED	6-1768383-4		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
1966-RIBBON-NAR	1-2186559-1		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			
T200-RIBBON-1966	D60849-000		74m (242 feet)	100mm (3.9 inches)	12.7mm (1/2 inch)			
RIB-1976-300-110-L-0	1-2186547-1	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
RIB-1976-300-060-L-0	1-2186548-1		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
RIB-1976-450-025-L-0	1-2186554-1		450m (1476 feet)	25mm (0.98 inches)	25.4mm (1 inch)			
RIB-1976-450-050-L-0	1-2186553-1		450m (1476 feet)	50mm (1.97 inches)	25.4mm (1 inch)			
RIB-1982-300-110-L-0	1-2186538-1	3 years, when stored between 5°C (41°F) and 35°C (94°F) Relative Humidity 30 to 80%RH	300m (984 feet)	110mm (4.3 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
RIB-1982-240-110-L-0-T200	1-2186549-1		240m (787 feet)	110mm (4.3 inches)	25.4mm (1 inch)			
RIB-1982-300-060-L-0	1-2186540-1		300m (984 feet)	60mm (2.4 inches)	25.4mm (1 inch)			
RIB-1997-450-110-0	2541792-1	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	450m (1476 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Wax
RIB-1997-450-86-0	2541802-1		450m (1476 feet)	86mm (3.39 inches)	25.4mm (1 inch)			
RIB-1997-74-110-0-HI	2581212-1		74m (243 feet)	110mm (4.33 inches)	12.7mm (0.5 inch)			
RIB-1997-210-110-0-IN	2541785-1		210m (689 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side in		

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3. BLACK TMS THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
TMS-RJS-RIBBON-4DSCE	311292-000	2 years, when stored between -5°C (23°F) and 40°C (104°F) Relative Humidity 25 to 85%RH	450m (1476 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Wax
TMS-101-RIBBON-4DSCE	505478-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
TMS-RJS-RIBBON-4HT	754073-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
TMS-101-RIBBON-4HT	746617-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
TMS-RJS-RIBBON-4HT-MED	1-2186491-1		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
TMS-RJS-RIBBON-4HT-NAR	1-2186496-1		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			
TMS-RJS-RIBBON-4RPSCE	557721-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 30 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Wax/ Resin
TMS-101-RIBBON-4RPSCE	310109-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
2000P-RIBBON-4TT-MED	893803-000		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
2000P-RIBBON-4TT-NAR	277493-000		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			

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4. BLACK TTB, RIB-1984 THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
TTB-060SC/450AQ529	2-1768049-7	1 year, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	450m (1476 feet)	60mm (2.36 inches)	25.4mm (1 inch)	Ink side in	Black	Resin
TTB-090SC/360-AQ529	3-1768049-4		360m (1181 feet)	90mm (3.54 inches)	25.4mm (1 inch)			
TTB-114SC/360-AQ529	4-1768049-0		360m (984 feet)	114mm (4.48 inches)	25.4mm (1 inch)			
TTB-166SC/360AQ529	8-1768402-6		360m (1181 feet)	166mm (6.53 inches)	25.4mm (1 inch)			
TTB-110SC/300AQ529S	3-1768049-7		300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink Side out		

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
RIB-1984-450-60-L-0-IN	1-2186560-1	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	450m (1476 feet)	60mm (2.36 inches)	25.4mm (1 inch)	Ink side in	Black	Resin
RIB-1984-360-88-L-0-IN	1-2186561-1		360m (1181 feet)	88mm (3.46 inches)	25.4mm (1 inch)			
RIB-1984-360-114-L-0-IN	1-2186562-1		360m (984 feet)	114mm (4.48 inches)	25.4mm (1 inch)			
RIB-1984-450-60-L-0	1-2186563-1		450m (1476 feet)	60mm (2.36 inches)	25.4mm (1 inch)	Ink Side out		
RIB-1984-300-110-L-0	1-2186564-1		300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)			

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5. BLACK 1330 THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
1330-0600-10	143060-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Wax/ Resin
1330-0600-T200	C36369-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
1330-TTB-T200	1-1768384-8	1 year, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)	Ink side out	Black	Resin
1330-3300-06	F31906-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	64mm (2.52 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
1330-3300-08	728382-000		300m (984 feet)	80mm (3.15 inches)	25.4mm (1 inch)			
1330-3300-10	980892-000		300m (984 feet)	110mm (4.3 inches)	25.4mm (1 inch)			
1330-3300-15	562492-000		300m (984 feet)	165mm (6.5 inches)	25.4mm (1 inch)			
1330-3300-101TT	C95590-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
1330-0607-10	742412-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
1330-0607-08	555080-000		300m (984 feet)	80mm (3.15 inches)	25.4mm (1 inch)			
1330-0607-T200	E45478-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
1330-0619-10	952888-000	3 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Black	Resin
1330-0619-T200	C49013-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			

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6. WHITE THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
T300-RIBBON-WH-4HT	154739-000	2 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	White	Resin
T200-RIBBON-WH-4HT	086961-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
T300-RIBBON-WH-4HT-MED	1-2186557-1		300m (984 feet)	64mm (2.52 inches)	25.4mm (1 inch)			
T300-RIBBON-WH-4HT-NAR	1-2186558-1		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			
T300-RIBBON-WH	650784-000	2 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	White	Wax/ Resin
T200-RIBBON-WH	117366-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
2000P-RIBBON-WH-MED	094514-000		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
2000P-RIBBON-WH-NAR	530304-000		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			
RIB-1976-360-076-L-9	1-2186321-1	1 year, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	360m (1181 feet)	76mm (3 inches)	25.4mm (1 inch)	Ink side out	White	Resin
RIB-1976-300-110-L-9	1-2186043-1		300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)			
RIB-1981-300-110-9	2547830-1	2 years, when stored between 5°C (40°F) and 35°C (95°F) Relative Humidity 20 to 80%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	White	Wax/ Resin
RIB-1981-300-60-9	2547831-1		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
RIB-1981-300-40-9	2547833-1		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			

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7. SIVER THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
TMS-RJS-RIBBON-4AG	124503-000	5 years, when stored between 18°C (64°F) and 29°C (84°F) Relative Humidity 30 to 70%RH	300m (984 feet)	110mm (4.33 inches)	25.4mm (1 inch)	Ink side out	Silver	Resin
TMS-101-RIBBON-4AG	252557-000		74m (242 feet)	110mm (4.33 inches)	12.7mm (1/2 inch)			
2000P-RIBBON-4AG-MED	351013-000		300m (984 feet)	60mm (2.36 inches)	25.4mm (1 inch)			
2000P-RIBBON-4AG-NAR	346933-000		300m (984 feet)	40mm (1.57 inches)	25.4mm (1 inch)			

8. HTP600 TERMINAL BLOCK PRINTER CASSETTES

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Cassette	Winding direction	Colour	Quality
RIB1-B	1SNA235734R0000	1 years, when stored between 10°C (50°F) and 35°C (95°F) Relative Humidity 30 to 80%RH	130m (426 feet)	60mm (2.36 inches)	Yes	Ink side out	Black	Resin
RIB1-RD	1SNA235735R0000		110m (361 feet)	60mm (2.36 inches)			Red	
RIB1-BL	1SNA235732R0000						Blue	
RIB1-GN	1SNA235729R0000						Green	

9. BTT-002 THERMAL TRANSFER RIBBONS

Ribbon Description	Part number	Shelf life and storage conditions	Ribbon Length	Ribbon Width	Core Inside Diameter	Winding direction	Colour	Quality
BBB-060SC/200	1-1768016-4	2 years, when stored between -5°C (23°F) and 40°C (104°F) Relative Humidity 20 to 85%RH	200m (656 feet)	60mm (2.36 inches)	12.7mm (1/2 inch)	Ink side out	Black	Resin

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