

The best printing solution is achieved when the printer, ribbon and media are matched to the application requirements. All Genuine TSC Supplies have been thoroughly tested and qualified through our printers so that we can offer the “perfect match.” This means that through the optimized combination of your TSC Printer and Genuine TSC Supplies, you will enhance your efficiency, minimize your costs and enjoy a “no worry” printing solution.



Label Material

Thermal Transfer Paper- Premium coated paper with permanent acrylic adhesive

Thermal Transfer Tag- Premium coated tag stock

Thermal Transfer Polypropylene- Gloss white & matte white

Thermal Transfer Polyester- Gloss white, matte white and matte chrome

**Many other label materials and adhesives are available.*

**Please see reverse side for additional product details.*



Thermal Transfer Ribbons

SWX – Standard Wax

PWX – Premium Wax

SWR – Standard Wax/Resin

PWR – Premium Wax/Resin

SRE – Standard Resin

PRE – Premium Resin

**Please refer to our formulation-specific datasheets for product details and specifications.*

Application considerations when choosing media.

Durability (label material and printed image)

- Expected lifespan of label
- Indoor or outdoor use
- Tear and abrasion resistance
- Resistance to chemicals, oil, solvents
- Resistance to moisture

Surface to be labeled

- Type of surface – plastic, metal, paper, corrugated, wood etc.
- Surface characteristics – smooth, rough, rounded, flat, flexible etc.
- Surface contaminates – wet, oily, dirty etc.

Adhesive requirements

- Permanent, removable or repositionable
- Temperature and environment when label is applied
- Temperature and environment during life of label

TSC- COMPATIBILITY & APPLICATION CHART

MATERIAL	DESCRIPTION	SWX	PWX	SWR	PWR	SRE	PRE
THERMAL TRANSFER	Premium coated paper with permanent acrylic adhesive. Typical Applications: • Shipping • General warehouse • Address • AIAG • LOGMARS • Product ID • Hardware parts supply	✓	✓	✓	✓		
THERMAL TRANSFER TAG	Coated paper tagstock. Typical applications: • Retail hangtag • Warehouse bin and pouch inserts • Inventory control • Work in process • General purpose tag	✓	✓	✓	✓		
POLYPROPYLENE	Matte & gloss white polypropylene w/ permanent acrylic adhesive. Typical applications: • UL/CSA compliant nameplate labels • Harsh environment • Asset labeling • Shelf labels			✓	✓	✓	✓
POLYESTER	Matte, gloss & chrome white polyester w/ permanent acrylic adhesive. Typical applications: • UL/CSA compliant nameplate labels • Harsh environment • Laboratory labels • Asset labeling • Automotive labels • Durable goods labeling			✓		✓	✓

The TSC Range of Thermal Transfer Ribbons

SWX – TSC STANDARD WAX

- Widely used for barcode applications. Provides excellent print quality
- Suitable for standard labeling applications
- Compatible with most coated and non-coated paper labels

PWX – TSC PREMIUM WAX

- Resin-enhanced wax
- Best scratch and smudge resistance for a wax ribbon
- Supports high speed printing
- Excellent print quality on all papers and some film materials

SWR – TSC STANDARD WAX/RESIN

- General purpose wax/resin formulation
- Superior print quality on common papers and films. Our most versatile formulation
- Good scratch and smudge resistance

PWR – TSC PREMIUM WAX/RESIN

- Designed to print on a wide range of coated papers and films
- Very sharp print quality, enabling ladder and rotated barcode printing simultaneously
- Enhanced abrasion and scratch resistance

SRE – TSC STANDARD RESIN

- Excellent mechanical resistance, including abrasion and scratch
- Extensive adaptability to a wide range of film materials
- Supports higher print speeds

PRE – TSC PREMIUM RESIN

- Designed for the most extreme environmental conditions
- Highest abrasion, scratch and solvent resistance
- Compatible with a wide range of synthetic materials