

## HeatSoft™ SATIN (ESM-HTMS) Polyurethane Heat Transfer Material Specifications

### Product Overview

Roland HeatSoft™ SATIN (ESM-HTMS-75-54/30/20) is an inkjet-printable, polyurethane heat transfer media that images beautifully and is extremely easy to work with. It weeds easily and transfers effortlessly to the transfer mask, even without the use of a squeegee. HeatSoft SATIN can be transferred to cotton, polyester and poly blend. The semi-gloss finish gives customized apparel and accessories a desirable “screen print” sheen, and still has a soft hand. Capable of withstanding up to 50 wash cycles, it also offers unsurpassed durability. Use HeatSoft SATIN in conjunction with Roland PTM2 heat transfer mask to apply to the clothing item or accessory. HeatSoft SATIN is compatible with Roland’s eco-solvent inks and all Roland eco-solvent printers and printer/cutters.

### At a Glance

Face: 3.1 mil Polyurethane film  
Finish: Semi-gloss  
Shelf Life: 1 Year  
Certification: CPSIA

Ink Compatibility: TrueVIS, EJ, Eco-Sol MAX and MAX 2  
VersaWorks Profile: ESM-HTMS  
Available Sizes: 20" x 25Y, 30" x 25Y and 54" x 25Y  
Actual Widths: 19.6", 29.5", 54"

### Applications

Baby and children clothing  
Sports jerseys  
T-shirt, sweatshirt and jacket appliques

Cushion, pillow cases, and home décor  
Bags and totes  
Caps and hats

### Specifications

Total Caliper: 209 microns (film and liner)  
Finish: Semi-gloss  
Opacity: ≥ 90%  
TRI-Gloss Levels: 1.8 @ 20°, 9.3 @ 60°, 23.8 @ 85°  
Liner: Polyester

Ink Compatibility: TrueVIS, EJ, Eco-Sol MAX and MAX 2  
Durability: Up to 25 wash cycles with mild detergent  
Available Sizes: 20" x 25Y, 30" x 25Y and 54" x 25Y  
Core Diameter: 3"  
Shelf Life: 1 Year

### Part Numbers

ESM-HTMS-75-20 20" x 75'  
ESM-HTMS-75-30 30" x 75'  
ESM-HTMS-75-54 54" x 75'

### Storage Conditions

HeatSoft™ SATIN ESM-HTMS Polyurethane Heat Transfer Material should be handled with care to prevent surface contamination that may affect the printable surface of the product. This polyurethane film should be processed and stored in an environment of 65° - 75° F (18° - 24° C) and 30 - 50% relative humidity (non-condensing) that is clean, relatively dust-free and away from direct sunlight. It is recommended to store this product in its original packaging in a cool dry area until ready for use. If storage conditions are outside the recommended operating ranges, allow the material to acclimate to the production environment for at least 24 to 48 hours before use.

### Roland Certified Media Guarantee

This product is sold for the usage of the applications stated in this document. The product is free of defects, and produces vibrant, printed graphics when used with Roland’s TrueVIS, EJ, Eco-Sol MAX and Eco-Sol MAX 2 inks.