

HeatSoft™ PLUS (ESM-HTM3) Polyurethane Heat Transfer Material Specifications

Product Overview

Roland HeatSoft™ PLUS (ESM-HTM3-75-54/30/20) is an inkjet-printable, polyurethane heat transfer media that images beautifully and stretches and weeds easily. Extremely versatile, HeatSoft PLUS makes transferring graphics to cotton, polyester and poly blend, in addition to spandex/Lycra® and leather, quick and easy. HeatSoft PLUS transfer material helps produce customized apparel and accessories with a soft hand, vibrant color and exceptional detail. Capable of withstanding up to 50 wash cycles, it also offers unsurpassed durability. HeatSoft PLUS is easily transferred by lifting the graphic off its backing liner with Roland PTM2 heat transfer mask and applying it to the clothing item or accessory. HeatSoft PLUS is compatible with Roland's eco-solvent inks and all Roland eco-solvent printers and printer/cutters.

At a Glance

Face: 2.95 mil Polyurethane film
Finish: Gloss
Shelf Life: 1 Year
Certification: CPSIA

Ink Compatibility: Roland DG Eco-Solvent and Resin inks
VersaWorks Profile: ESM-HTM3
Available Sizes: 20" x 25Y, 30" x 25Y
Actual Widths: 19.6", 29.5"

Applications

T-shirt, sweatshirt and jacket appliques
Sports jerseys

Hats and caps
Bags and totes

Specifications

Total Caliper: 205 microns (film and liner)
Finish: Gloss
Opacity: ≥ 90%
Gloss Level: 71 @1.2: 20°
Liner: Polyester

Ink Compatibility: Roland DG Eco-Solvent and Resin inks
Durability: Up to 50 wash cycles with mild detergent
Available Sizes: 20" x 25Y, 30" x 25Y
Core Diameter: 3"
Shelf Life: 1 Year

Part Numbers

ESM-HTM3-75-20 20" x 75'
ESM-HTM3-75-30 30" x 75'

Storage Conditions

HeatSoft™ Plus ESM-HTM3 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 DG's TrueVIS, EJ, Eco-Sol MAX Series, and TA inks.

Imagine.