

ESM-HTM3 and PGM-PTM2 FAQ's

1. What is the construction of HeatSoft™ PLUS ESM-HTM3?

ESM-HTM3 is made of 2.9 mil gloss polyurethane film. It is supplied on a clear polyester liner that is easy to handle and easy to work with, especially when weeding around small prints and fine details.

2. Is ESM-HTM3 CPSIA Certified?

Yes, it is. It is safe for use in children's products.

3. What types of materials is ESM-HTM3 compatible with?

ESM-HTM3 is compatible with 100% Cotton, 100% Polyester, Cotton/Poly blends, Spandex/Lycra® and Leather products. Each material is different, so please test each one for compatibility and best application methods.

4. How much grams of force do I need to use for ESM-HTM3?

You will need to use approximately 50 – 70 grams of force to cut ESM-HTM3. Always perform a Cut Test on your printer/cutter to confirm the correct grams of force needed for ESM-HTM3.

5. Are there profiles for ESM-HTM3?

Yes, there are profiles created for the BN-20, SPi, and VSi printers. You can download them from the Roland Profile Center.

6. Do I need to use a transfer mask with ESM-HTM3?

Yes, you will need to use a transfer mask. ESM-HTM3 is compatible with our HeatSoft™ PLUS PGM-PTM2.

7. What is HeatSoft™ PLUS PGM-PTM2?

It is our transfer mask that is the most compatible with ESM-HTM3. It is a 4.7 mil polyester film with medium-tack adhesive and supplied on a paper liner.

8. What is the best way to apply PGM-PTM2 to ESM-HTM3?

Remove the paper liner from PGM-PTM2 and lay it on a smooth, clean surface with adhesive side up. Make sure that the PGM-PTM2 is larger than your printed graphics. Apply printed and weeded ESM-HTM3 face-side down onto PGM-PTM2 from the center

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and roll the graphics out towards the edges. Once applied, squeegee from the center out with firm pressure to ensure the ESM-HTM3 adheres properly to the mask.

9. I still have PGM-PTM. Can I still use this with ESM-HTM3?

Yes, you are able to use PGM-PTM with ESM-HTM3. However, PGM-PTM has low-tack adhesive. After you apply it to ESM-HTM3, you must use a squeegee and apply extra firm pressure to ensure that ESM-HTM3 transfers to the mask properly.

10. How do I apply ESM-HTM3 and PGM-PTM2 to my garment?

Set your heat press to 295° F (146°C). Use medium pressure setting and press for 15-20 seconds. Perform a hot peel to remove PGM-PTM2. For additional durability, cover the graphic and press for another 2 – 3 seconds. Always test fabric and transfer for compatibility and adjust temperature, pressure and time as needed.

11. How do I care for my garment after applying ESM-HTM3?

Wait 24 hours before first wash. Do not dry clean. Follow garment manufacturer's care instructions regarding washing and drying. ESM-HTM3 can be washed with mild laundry detergent and dried on normal dryer settings. The garment does not need to be turned inside out during laundering, but in doing so, you will extend the longevity of your graphics. Do not use chlorine bleach.

12. How many wash/dry cycles does ESM-HTM3 last?

Depending on how you launder and care for your garment, ESM-HTM3 can last up to 50 washes.

13. Can I iron over ESM-HTM3 after laundering?

Yes, you can iron over ESM-HTM3 as needed. You do not need to turn your garment inside-out.