

## ESM-HTGLM FAQ's

**1. What is the construction of ESM-HTGLM?**

*HeatSoft™ GLAM (ESM-HTGLM) is made of 7.5 mils white polyurethane film with silver sparkle flecks encapsulated in it for a smooth printing surface. It has a heat-activated adhesive for applying to different types of fabrics.*

**2. What fabrics is HeatSoft GLAM compatible with?**

*Use HeatSoft™ GLAM on cotton, polyester, and poly/cotton blend. Since this media is thick and heavy, it is recommended for applications onto thicker fabrics and garments, like sweatshirts, denim, aprons, caps, hats, tote bags, etc. You can use this on t-shirts, but it's recommended for small sections or as accent pieces.*

**3. What sizes are available for ESM-HTGLM?**

*ESM-HTGLM is available in 20" x 30' and 30" x 30' rolls.*

**4. What types of inks is ESM-HTGLM compatible with?**

*ESM-HTGLM can be printed with Roland DG's eco-solvent inks.*

**5. Is ESM-HTGLM CPSIA certified?**

*Yes, it is.*

**6. Is ESM-HTGLM Prop. 65 compliant?**

*Yes, it is. We confirm that to the best of our knowledge that ESM-HTGLM and raw materials listed do not contain any of the Prop. 65 substances updated on November 23, 2018, or do not contain the CA Prop 65 Substance(s) but satisfy the CA Prop 65 Safe Harbor requirements. CA Prop 65 substances can be found at <https://oehha.ca.gov/proposition-65/proposition-65-list>.*

**7. Since the media is thick, do I need a special blade to cut the material?**

*The 60° blade works best on thicker media. Here's a [link](#) to a blog about blade settings.*

**8. How much grams of force do I need to use for ESM-HTGLM?**

*You will need to use approximately 100 - 300 grams of force to cut ESM-HTGLM. Always perform a Cut Test on your printer/cutter to confirm the correct grams of force needed for ESM-HTGLM. Here's a [link](#) to a blog about blade settings.*



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**9. Are there profiles for ESM-HTGLM?**

*Use the profile for ESM-HTMS; it works well on ESM-HTGLM. You can download this from the Roland Profile Center. If ESM-HTMS profile is not available for your printer, then use Generic Vinyl in VersaWorks.*

**10. Are there recommended application procedures?**

- *Make sure that the inks dry thoroughly before masking and transferring onto a garment. During our tests, we waited 2 hours after printing before masking and transferring.*
- *Pre-press the fabric for a few seconds to get rid of moisture and flatten the fibers. Transfer at 311°F (155°C) for roughly 15 seconds. Do a hot peel. For additional durability, cover the graphics and press another 2 – 3 seconds.*
- *As with any other heat transfer material, when transferring to thick fabrics or over seams, make sure that there is even pressure. Using a heat press pillow is beneficial.*
- *Wait for 24 hours before first wash. Follow the garment manufacturer's guidelines for laundering.*

**11. Are there recommended images to use for ESM-HTGLM?**

- *Simple and complex images (with shadows and gradients) work beautifully on HeatSoft™ GLAM. Experiment with different images and colors (pastel to vibrant). Your output will have a pearlescent and sparkly finish.*
- *You can also print and cut detailed and/or small graphics and text, i.e., 6-point text.*

**12. Can I use PGM-PTM2 Transfer Mask for ESM-HTGLM?**

*Absolutely! PGM-PTM2 works well with all of our HeatSoft™ products.*