







# GRAPHTEC

## Rhinestone FAQs

1. What is a gross of rhinestones?
  - a. A gross is 144 stones.
2. What does SS mean?
  - a. SS means “Stone Size” and indicates a size range rather than a specific size. The size ranges are based on historical sizes from the gem industry.
3. What colors and sizes are available from Graphtec and what quantities are sold in each package?

Part Number	Stone Size (SS)	Stone Size (mm)	Color <sup>1</sup>	Approximate # of Gross Sold in Each Packet <sup>2</sup>	Approximate # of Stones <sup>2</sup>
					
SILH-RHINE-CLY10	10SS	2.7mm - 2.8mm	Crystal	6	864
SILH-RHINE-CLY16	16SS	3.8mm - 4mm	Crystal	4	576
SILH-RHINE-CLY20	20SS	4.6mm - 4.8mm	Crystal	1	144
					
SILH-RHINE-RED10	10SS	2.7mm - 2.8mm	Siam (Dark) Red	5	720
SILH-RHINE-RED16	16SS	3.8mm - 4mm	Siam (Dark) Red	2	288
SILH-RHINE-RED20	20SS	4.6mm - 4.8mm	Siam (Dark) Red	1	144
					
SILH-RHINE-BLU10	10SS	2.7mm - 2.8mm	Cobalt (Dark) Blue	5	720
SILH-RHINE-BLU16	16SS	3.8mm - 4mm	Cobalt (Dark) Blue	2	288
SILH-RHINE-BLU20	20SS	4.6mm - 4.8mm	Cobalt (Dark) Blue	1	144

Part Number	Stone Size (SS)	Stone Size (mm)	Color <sup>1</sup>	Approximate # of Gross Sold in Each Packet <sup>2</sup>	Approximate # of Stones <sup>2</sup>
 SILH-RHINE-GRN10	10SS	2.7mm - 2.8mm	Emerald (Dark) Green	5	720
SILH-RHINE-GRN16	16SS	3.8mm - 4mm	Emerald (Dark) Green	2	288
SILH-RHINE-GRN20	20SS	4.6mm - 4.8mm	Emerald (Dark) Green	1	144
 SILH-RHINE-YEL10	10SS	2.7mm - 2.8mm	Citrine Yellow	5	720
SILH-RHINE-YEL16	16SS	3.8mm - 4mm	Citrine Yellow	2	288
SILH-RHINE-YEL20	20SS	4.6mm - 4.8mm	Citrine Yellow	1	144
 SILH-RHINE-PNK10	10SS	2.7mm - 2.8mm	Light Rose Pink	2	288
SILH-RHINE-PNK16	16SS	3.8mm - 4mm	Light Rose Pink	1	144
SILH-RHINE-PNK20	20SS	4.6mm - 4.8mm	Light Rose Pink	0.5	72

(1) The colors of the rhinestones shown are representative only.

(2) Measured by volume, quantity will vary slightly from package to package.

4. What size stones work best with the Graphtec rhinestone solution?
  - a. Due to the thickness of the rhinestone stencil material, 10SS, 16SS, and 20SS work best. The depth of the hole cut into the stencil material allows these size stones to easily fall into the design template.
5. What fabrics can be decorated with rhinestones?
  - a. For household irons, Rhinestones are applied with the “wool” setting. To prevent damage to the garment, check the label of the garment to make sure a wool setting is safe for the fabric type.
  - b. For heat presses, make sure the fabric can withstand 350F.
6. How do I care for garments with rhinestone decoration?
  - a. Turn the garment inside-out for both washing and drying.
7. What temperature setting and pressure setting should I set my heat press?
  - a. Temperature: 350 F  
Time: 10 Seconds  
Pressure: 40 PSI or “medium to firm pressure”

8. How do I use a household iron for rhinestone apparel decorating?
  - a. Always iron on a hard, flat surface not a padded ironing board. Use a Teflon sheet or cotton pressing cloth. This will protect your garment. For best results, iron the area on the garment before applying the rhinestone design and let it cool.
  - b. Place the sticky side of transfer tape onto the rhinestone design and lightly apply pressure so the rhinestones will adhere to the tape. Lift the design.
  - c. Position the rhinestone design on the garment.
  - d. Place the teflon sheet or cotton pressing cloth over the top of the design on the garment.
  - e. Set the iron on the medium or wool setting. Do not use steam. You may adjust the temperature as needed. All irons are different. If your garment is thin, place a pressing cloth or flat cardboard inside the garment to prevent the glue from sticking the front and back of the garment together.
  - f. Place the iron directly on top of the pressing cloth or teflon sheet for a minimum of 45-60 seconds. Thicker fabrics might need more time and thinner fabrics will need less time. Once the iron is in place do not move it. Remove the iron after 45-60 seconds have elapsed.
  - g. Allow the rhinestone design to cool until warm and then slowly remove the transfer paper. If your rhinestones are not sticking to your garment (the adhesive is not melting). Place the Teflon sheet or cotton pressing cloth back down and re-apply heat.
  - h. After the transfer paper is removed, turn the garment inside-out, place a pressing cloth or piece of cardboard inside the garment, place a pressing cloth/Teflon sheet over design.
  - i. Place the iron onto the sheet covering the design for about 15 seconds with 5 seconds of pressure. This will draw the glue into the fabric for maximum hold.
  
9. Can I use different size stones or different color stones in a design?
  - a. You can create designs with different sizes and colors by separating the design elements into two or more stencil patterns.
  
10. What is mixed media apparel decorating?
  - a. You can add rhinestones, to heat transfer designs, embroidered designs and screen printed designs to add flair and value.
  
11. What is included in the optional rhinestone starter kit?



Rhinestone Starter Kit
Rhinestone brush
Rhinestone template sheets, 8.5" x 11", Qty 2, 10 mils thick (0.01")
Rigid backing sheets, 8.5" x 11" , Qty 2
Rhinestone transfer tape, 2 sheets, 8.5" x 11"
WorkTray 14" x 14", Qty 1
SILH-RHINE-CLY10, Qty 1, 10SS Crystal rhinestone packet, 6 gross
Design CD

12. What is transfer tape used for?
  - a. Transfer tape is sticky on one side and is used to easily transfer your rhinestone design to the garment for heat pressing.
13. What is rhinestone template material used for?
  - a. The cutter cuts holes for the rhinestones to fall into in the template material.
  - b. The Craft ROBO and Silhouette use the thinner material provided in the starter kit. This material is 10mils thick (0.01" thick).
  - c. The Craft ROBO Pro and other CE5000 series cutters can use thicker material that is 25mils thick (0.025" thick).
14. What is backing board used for?
  - a. By affixing the template material to the backing board after the holes have been cut, you can create a permanent library and use your designs multiple times.
15. What is **i-DesignR CE**?
  - a. i-DesignR CE is Graphtec's exclusive Graphic Design software package for use with the CE5000 series cutting plotters. With powerful vector editing, import filters, and automatic rhinestone pattern creation applied to your vector design — for the ultimate, custom apparel application. You can design using shape tools, clipart and single line fonts. i-DesignR is also perfect for vinyl signs, contour cut (Print and Cut) and various textile heat transfer applications.
  - b. For use only with the CE5000-60/120 and CE5000 Craft ROBO Pro.
16. How much does i-DesignR CE cost?
  - a. The list price for i-DesignR CE is \$349.00 and includes a training DVD.
17. For the **Craft ROBO Pro**, is there a work flow document that includes rhinestones and the heat press?
  - a. Yes, it is located here:
    - i. <http://www.graphtecamerica.com/FAQs/Rhinestone.html>
18. For the **Craft ROBO Pro**, is there a workflow video I can view that includes rhinestones and the heat press?
  - a. Yes. It is located here:
    - i. <http://www.graphtecamerica.com/FAQs/i-DesignR.html>
19. For the **Silhouette/Craft ROBO**, is there a work flow document I can view that includes rhinestones and the iron?
  - a. Yes, it is located here:
    - i. <http://www.silhouettemachine.com/files/instructionInsert.pdf>
20. For the **Silhouette/Craft ROBO**, is there a workflow video I can view that includes rhinestones and the iron?
  - a. Yes. It is located here:
    - i. Tentative release by January 04, 2010

# GRAPHTEC

## Rhinestone FAQs