

Flat-Back Stones

THE MASTERS OF CRYSTAL

HEAT AND ULTRASONIC SETTING TECHNIQUES FOR HOT-FIX STONES

Thanks to the new low-melting point adhesive, the Hot-Fix stones can be very gently applied onto most textile materials. Our Hot-Fix stones are designed to ensure maximum smoothness and efficiency in your production process, thus minimizing production costs. Innovated, low-melting point adhesive layer on the bottom of the stones enables the use of all state of the art heat-setting devices based on simultaneous application of heat and pressure as well as ultrasonic devices with application times from 0,3 sec. per one stone.



Point Heat Setting Devices - loose stones

material	Time (s)										
	120	130	140	150	160	170	180	190	200	210	220
synthetics	10	9	8	7	6	5	4	3	2	1,5	1
silk	14	13	11	9	7	5	4	3	2	1,5	1
cotton	15	13	11	9	7	5	4	3	2	1,5	1
linen	15	13	11	9	7	5	4	3	2	1,5	1
viscose	18	15	12	9	7	5	4	3	2	1,5	1
wool	25	22	19	16	13	10	8	7	6	5	4
denim	25	23	21	18	15	12	10	9	8	7	6
lycra	25	21	17	13	9	5	4	3	2,5	1,5	1

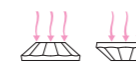
Sizes ss4 - 48 basic setting



Heat Press and Iron - motifs (transfers)

material	Time (s)						
	120	130	140	150	160	170	180
synthetics	10	9	8	7	6	5	4
silk	14	13	11	9	7	5	4
cotton	15	13	11	9	7	5	4
linen	15	13	11	9	7	5	4
viscose	18	15	12	9	7	5	4
wool	25	22	19	16	13	10	8
denim	25	23	21	18	15	12	10
lycra	25	21	17	13	9	5	4

Sizes ss4 - 48 basic setting



Applicator and Iron - loose stones

material	Time (s)		
	160	170	180
synthetics	18	15	12
silk	18	15	12
cotton	18	15	12
linen	18	15	12
viscose	18	15	12
wool	18	15	12
denim	18	15	12
lycra	18	15	12

Sizes ss4 - 48 basic setting










Point Ultrasonic Devices - loose stones

material	ss 4, 5, 6, 8, 10		ss 16, 20		ss 30, 34, 40, 48	
	Pressure (bar)	Time (s)	Pressure (bar)	Time (s)	Pressure (bar)	Time (s)
synthetics	2 - 2,5	0,3 - 0,4	3 - 3,5	0,4 - 0,5	3,5	0,5
silk	1,5	0,3	2,5 - 3	0,5 - 0,6	2,5 - 3	0,5 - 0,6
cotton	2 - 2,5	0,3 - 0,4	3 - 3,5	0,4 - 0,5	3,5	0,5
linen	2 - 2,5	0,3 - 0,4	3 - 3,5	0,5 - 0,6	3,5	0,6
viscose	1,5 - 2	0,3 - 0,4	3 - 3,5	0,5 - 0,6	3,5	0,5 - 0,6
wool	2 - 2,5	0,3 - 0,4	3 - 3,5	0,6	3,5	0,6
denim	2 - 2,5	0,3	3 - 3,5	0,4 - 0,6	4	0,6 - 0,8
lycra	1,5	0,3	2 - 2,5	0,3 - 0,4	3	0,4

CARE OF TEXTILE MATERIALS WITH HOT-FIX STONES

The VIVA12 chaton roses and other flat-back stones by Preciosa come complete with a high-quality adhesive layer. When all the application rules are observed, the adhesive is resistant to the following maintenance techniques:

-  **Washing:** Before washing textile products with glass stones, turn them inside out. Use a gentle washing cycle (60°C/140°F), and to avoid the stones being damaged, put the products into a soft bag (flannel).
-  **Ironing:** To protect the stones from damage, first cover them with a soft flannel cloth. Set the iron to a maximum of 150°C (302°F).
Do not apply heat to the stones for too long as the adhesive might melt.
-  **Drying:** Before drying textile products with stones, turn them inside out, and to avoid the stones being damaged, put the products into a soft flannel bag. In a tumbler dryer, use a low temperature and a gentle drying cycle.
-  **Bleaching:** To avoid damage to textile products and to the stones, do not use chlorine bleach.
-  **Cleaning:** Textile products with stones can be dry-cleaned, using perchlorethylene. This technique requires utmost caution.
-  **Using solvents:** Textile products with stones can be dry-cleaned, using hydrocalumites. This technique also requires utmost caution – turn the products inside out and put them into a soft flannel bag.
-  **Professional wet-cleaning:** Textile products with stones can be cleaned at a professional cleaner.

While maintaining textile products with Preciosa stones, it is absolutely necessary to follow the maintenance symbols attached to each garment. In those cases when the values given in the pictograms on the garment exceed the values given in these instructions, it is necessary to adapt them to the values stipulated by Preciosa.

CARE OF TEXTILE MATERIALS WITH NO HOT-FIX

Textile products with No Hot-Fix Stones glued or sewed onto them are usually very sensitive to maintenance techniques and require careful handling. It is therefore strongly recommended that if the need arises, they should only be washed by hand, using lukewarm water with a minimum amount of non-aggressive washing agents (detergents, washing agents designed for use with soft fabrics). Do not tumble dry or wring the washed products. Wrap them in a towel, gently squeeze the water out and then lay them out on an absorbent ground to dry (e.g. like woolen sweaters). An alternative procedure can be selected only after a positive test result has been achieved with a proof sample.