Tape this next to the machine

Cricut materials & settings chart

Checked against Cricut's published material lists on October 1, 2026
cleancutsvg.com/cricut-makerspace-guide

MATERIAL	PICK IN DESIGN SPACE	BLADE / TOOL	MAT	MIRROR?	MAKER	EXPLORE	JOY	EXPLORE AIR 2 DIAL	NOTES
Permanent adhesive vinyl	Premium Vinyl – Permanent	Fine-Point	Standard	No	●	●	●	Custom[1] or Vinyl	Liner side down. Apply with transfer tape.
Removable adhesive vinyl	Premium Vinyl – Removable	Fine-Point	Standard	No	◐	◐	◐	Custom[1] or Vinyl	For walls, windows and anything borrowed.
Smart Vinyl (no mat)	Smart Vinyl – Permanent	Fine-Point	No mat	No	◐	◐	●	Not supported	Pieces shorter than 6 in (4 in on Joy and Joy 2) go on a mat.
Iron-on / HTV (Everyday Iron-On)	Everyday Iron-On	Fine-Point	Standard	Yes	●	●	●	Custom[1] or Iron-On	Shiny liner side down. Press with the Cricut Heat Guide settings.
Glitter iron-on	Glitter Iron-On	Fine-Point	Standard	Yes	●	●	●	Custom[1]	Shiny liner side down.
Smart Iron-On (no mat)	Smart Iron-On	Fine-Point	No mat	Yes	◐	◐	●	Not supported	Same machines as Smart Vinyl.
Infusible Ink Transfer Sheet	Infusible Ink Transfer Sheet	Fine-Point	Standard	Yes	●	●	●	Custom[1]	Liner side down. Weed by hand or tweezers. Needs Infusible Ink compatible blanks.
Copy / printer paper	Copy Paper	Fine-Point	Light	No	●	●	●	Paper	Joy and Joy Xtra list it as Laser Copy Paper.
Light cardstock (60-65 lb)	Light Cardstock – 65 lb (176 gsm)	Fine-Point	Light	No	●	●	◐	Light Cardstock	
Medium cardstock (80 lb)	Medium Cardstock – 80 lb (216 gsm)	Fine-Point	Standard	No	●	●	●	Cardstock	Cuts twice on Maker 5, Explore 5 and Joy 2. A single-pass version exists for simple shapes.
Heavy cardstock (100 lb)	Heavy Cardstock – 100 lb (270 gsm)	Fine-Point	Strong	No	●	●	●	Custom[1]	Joy mats are Light or Standard only: use Standard.
Glitter cardstock	Glitter Cardstock	Fine-Point	Light or Strong[2]	No	●	●	●	Custom[1]	Two passes on every machine.
Poster board	Poster Board	Fine-Point	Strong	No	●	◐	—	Poster Board	Other Explore and Joy models list foil or metallic poster board instead.
Kraft board	Kraft Board	Fine-Point	Light	No	●	●	—	Custom[1]	Two or three passes.
Vellum	Vellum	Fine-Point	Light	No	●	●	◐	Custom[1]	
Printable sticker paper (Print Then Cut)	Printable Sticker Paper (your type)	Fine-Point	Light	No	●	●	◐	Custom[1]	Print Then Cut. Place the sheet exactly as the screen shows.
Window cling	Window Cling	Fine-Point	Standard	If needed	●	◐	◐	Custom[1]	Mirror it if it will be read through glass. Kiss cut: the liner stays whole.
Stencil film	Flexible Stencil Film	Fine-Point	Standard or Light	No	●	◐	◐	Custom[1]	Named Flexible Stencil Film, Stencil Film or Stencil Vinyl.
Craft foam (2 mm)	Craft Foam	Deep-Point	Strong	No	●	●	—	Custom[1]	Skip intricate shapes under 2 × 2 in.
Faux leather (paper thin)	Faux Leather (Paper Thin)	Fine-Point	Strong, face down	No	●	●	◐	Custom[1]	Move the star wheels all the way to the right.
Felt	Felt	Fine-Point	Per Design Space	No	●	●	—	Custom[1]	Most Explore models list wool felt rather than craft felt.
Cotton fabric (unbonded)	Cotton	Rotary	Fabric Grip	No	●	—	—	Not supported	Maker machines only. No stabilizer needed.
Cotton fabric, bonded to a stabilizer	Cotton, Bonded	Bonded-Fabric	Fabric Grip	No	●	◐	—	Fabric	Iron a stabilizer to the back first.
Chipboard, 2 mm	Heavy Chipboard – 2.0 mm	Knife	Strong + tape	No	●	—	—	Not supported	Maker machines only. Keep cuts ¼ in from the edge.
Basswood, 1/16 in	Basswood – 1/16" (1.6 mm)	Knife	Strong + tape	Yes[3]	●	—	—	Not supported	Maker machines only. Keep cuts ¼ in from the edge.

● on Cricut's list for every model in that family ◐ some models (see the exact-settings lookup) — not on Cricut's list. Mats: Light blue, Standard green, Strong purple, Fabric Grip pink. Joy mats come in Light and Standard only.

[1] Cricut's instructions for its own materials say to turn the Smart Set dial to *Custom* and pick the material by name in Design Space. The printed dial positions (Paper, Vinyl, Iron-On, Light Cardstock, Cardstock, Fabric, Poster Board, plus a "+" half step for a little more pressure) are starting points for plain, non-Cricut stock. [2] Cricut's glitter cardstock instructions say Light Grip; its general cardstock instructions say Strong Grip for glitter cardstock. Test on a scrap. [3] Cricut's basswood steps say to mirror the image.

Setting names vary slightly by machine (for example "Premium Vinyl – Permanent Glossy" on Maker 3/4 and Explore 3/4). Design Space sets pressure and passes for you. Always cut a small test shape on new material first. Independent guide, not affiliated with Cricut. Cricut and Design Space are trademarks of Cricut, Inc.