

## Suggested Cut Settings for Various Materials on Skycut C Series

**IMPORTANT:** These settings should be used for the initial test cut. Adjustments may be necessary based on the condition of the blade, variations in the material, humidity, condition of the cutting mat, blade tip height, etc.

**ALSO IMPORTANT:** Do not use a Blade Tip Height greater than 15 with a blue capped blade. It is very fragile!

Material Type	Material Brand/Source	Blade	Passes	Force	Speed	Blade Ht.*	Other Comments
Acetate	5 mil (0.13mm)	R	1	45	8	20	
Acetate	Apollo Inkjet Transparency Film (0.13mm)	R	1	60	8	20	Alt: 2 passes at Force = 40
Candle Wax	Rayher: 0.025" (0.6 mm)	B	1	20	5	15	Alt: Paper side up, Force 30
Candle Wax	Stockmar: 0.05" (1.2 mm)	B	1	25	5	10	
Cardstock	AC Textured 216gsm, 80lb cover	R	1	60	8	20	Alt: 2 passes at Force = 50
Cardstock	Bazzill Linen	R	1	55	8	20	
Cardstock	Carolina C2S Digital 144lb (234gsm)	R	1	75	8	20	
Cardstock	Darice Core'dinations Premium (65lb)	R	1	45	8	20	
Cardstock	Georgia Pacific, 110lb index (199gsm)	R	1	55	8	20	Alt: 2 passes at Force = 45
Cardstock	Graphic 45 (0.22mm)	R	1	50	8	20	6x6 Cardstock Pad
Cardstock	Neenah Astrobrights 176gsm	R	1	50	8	20	
Cardstock	Neenah Pastel 176gsm (65lb)	R	1	50	8	20	Alt: 2 passes at Force = 40
Cardstock	Recollections 176gsm (65lb)	R	1	50	8	20	
Cardstock	Recollections 176gsm (65lb) Kraft	R	1	55	8	20	
Cardstock	Wassau 176gsm (65 lb)	R	1	50	8	20	Alt: 2 passes at Force = 40
Cardstock	Worldwin Colormats (65 lb)	R	1	50	8	20	Alt: 2 passes at Force = 40
Cardstock	Worldwin Cutmates	R	1	50	8	20	Alt: 2 passes at Force = 40
Cardstock	Worldwin Smooth & Silky	R	1	70	8	20	Alt: 2 passes at Force = 60

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Chipboard	0.022" (0.5 mm)	R	2	100	5	20	Brayer well and tape edges
Chipboard	Cereal box 0.018" (0.4 mm)	R	2	100	5	20	Brayer well and tape edges
Chipboard	0.03" (0.76mm)	B	2	120	5	15	Brayer well and tape edges
Chipboard	0.015" (.38mm)	R	1	80	5	15	
Construction Paper	Creatology - pink	R	1	30	7	20	
Construction Paper	Pacon Tru-Ray - black	R	1	35	7	20	Alt: 2 passes at Force = 30
Craft Plastic	0.02" PET-G with blue protection sheets	B	2	130	3	15	Paper layer peeled off. Corners taped to mat
Craft Plastic	Dick Blick; 0.015" (0.38mm)	B	2	110	3	15	Paper layer peeled off. Corners taped to mat
Double Sided Adhesive	Sookwang	R	1	60	8	20	
Fabric - Cork	embroiderygarden.com	Y	2	50	5	15	Used an extra sticky mat
Fabric - Cotton Batik	with Lite Steam-A-Seam 2	Y	1	65	5	20	Steam-a-Seam2 fused to wrong side, paper removed and sticky side pressed down to mat
Fabric - Cotton Flannel	with Lite Steam-A-Seam 2	Y	2	75	5	20	Steam-a-Seam2 fused to wrong side, paper removed and sticky side pressed down to mat
Fabric - Denim	with Heat n Bond applied	Y	3	115	7	20	Left paper layer on.
Fabric - Quilting Cotton	with Heat n Bond applied	Y	2	65	7	20	
Fabric - Quilting Cotton	with Lite Steam-A-Seam 2	Y	1	80	5	20	Alt: 2 Passes at Force = 70; Steam-a-Seam2 fused to wrong side, paper removed and sticky side pressed down to mat
Foam (Fun Foam)	Michael's 0.07" (1.8mm)	B	2	20	6	10	
HTV	refer to Vinyl - Heat Transfer						
Label Sheets: water resistant	Creative Label Concepts	R	1	35	8	20	The Force is for kiss cutting the labels.
Leather	0.02" Bookbinding quality	R	2	75	7	20	
Leather	~ 0.06"	B	2	100	4	10	
Magnet	0.035" (0.9mm)	B	2	120	5	10	Tape magnet to a sticky mat; may need slower speed for accurate shapes

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Magnet	Printable Magnet Sheets (.25mm)	R	1	50	8	20	
Magnet	Printable Magnet Sheets-15 mil (0.4mm)	R	1	70	8	15	Alt: 2 passes at Force = 50
Mylar	5 mil (0.12mm)	R	1	50	8	20	
Mylar	10 mil (0.25mm)	R	2	100	5	15	Extra sticky mat; tape corners
Mylar	7 mil (0.18mm)	R	1	65	8	20	
Paper - Copy Paper	HP Everyday 20lb (75gsm)	R	1	35	8	20	
Paper - Watercolor	Canson 140lb (300g) Cold Press	R	1	100	8	20	
Photo Paper	HP Glossy	R	1	80	8	20	Alt: 2 passes at Force = 65
Photo Paper	Royal Brites Matte White - 200 gsm	R	1	70	8	20	Alt: 2 passes at Force = 55
Poster Board	Grocery store 0.013" (0.33mm)	R	1	70	6	20	Alt: 2 passes at Force = 60
Rhinestone Flock	Sticky Flock	R	2	45	8	20	Backing peeled and sticky side pressed to mat
Rhinestone Rubber	Hartco 425S - green	R	2	60	8	20	Backing peeled and sticky side pressed to mat
Shrink Film	Grafix clear	R	2	80	6	20	
Shrink Film	Grafix Ink Jet white	R	2	120	6	15	
Shrinky Dink	Bright White	R	1	125	6	20	
Shrinky Dink	Frosted Ruff N' Ready	R	1	125	6	20	
Shrinky Dink	Printable Ink Jet white	R	1	125	6	20	
Stencil Blanks (also see Mylar)	Show-Offs 15 mil from Hobby Lobby	R	3	120	5	15	Place side with protection sheet down; tape corners
Styrene	ASI .02" (.47mm)	R	2	120	8	20	
Styrene	Evergreen .02" (.47mm)	R	3	155	5	15	
Styrene	Plastruct .01" (.25mm)	R	1	90	8	20	Alt: 2 passes at Force = 65
Vinyl - Heat Transfer	Glitter Iron On - White	R	1	30	8	20	Cut on mat

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Vinyl - Heat Transfer	Easy Weed - white, navy	R	1	40	6	20	Cut on mat
Vinyl - Heat Transfer	GlitterFlex Ultra - Black	R	1	50	8	20	Cut on mat
Vinyl - Permanent	Expressions Vinyl 51 Series - Black	R	1	20	8	20	Cut on mat
Vinyl - Wall (no mat)	Vinyl - Oracal 631 - yellow	R	1	20	8	20	Not using a mat: note lower Blade Height
Vinyl - Wall (no mat)	Vinyl - Oracal 631 - yellow	R	1	25	8	20	Not using a mat
Vinyl - Wall (on mat)	Vinyl - Oracal 631 - yellow	R	1	20	8	20	Cut with vinyl on the mat
Wood Veneer	0.015" (0.4mm) from <a href="http://cardsofwood.com">cardsofwood.com</a>	B	2	100	5	15	Taped to mat; tested both oak and walnut