



Fine-point Blade


Material	Cutting Force	Min Force	Max Force	Cutting Passes	Cutting Passes Tolerance	Mirror
Pure Heat Transfer Vinyl	6.4	6.1	6.7	1	/	✓
Glitter Heat Transfer Vinyl	6.4	6.1	6.7	1	/	✓
Chameleon Heat Transfer Vinyl	6.6	6.3	6.9	1	/	✓
Pattern Heat Transfer Vinyl	6.5	6.2	6.8	1	/	✓
Reflective Heat Transfer Vinyl	6.4	6.1	6.7	1	/	✓
Flock Heat Transfer Vinyl	6.3	6	6.6	1	/	✓
Puff Heat Transfer Vinyl	6.4	6.1	6.7	1	/	✓
Printable Heat Transfer Vinyl	6.5	6.2	6.8	1	/	×
Sublimation Heat Transfer Vinyl	6.9	6.6	7.2	1	/	✓
"Smart Glitter Heat Transfer Vinyl (Cutting Mat Needed) "	8.3	8	8.6	1	/	✓
Glossy Permanent Vinyl(Paper Carrier)	6.2	5.9	6.5	1	/	×
Matte Permanent Vinyl(Paper Carrier)	6.2	5.9	6.5	1	/	×
Glossy Permanent Vinyl(Plastic Carrier)	6.4	6.1	6.7	1	/	×
Matte Permanent Vinyl(Plastic Carrier)	6.4	6.1	6.7	1	/	×
Rainbow Permanent Vinyl	7.5	7.2	7.8	1	/	×
Cold Colour-changing Permanent Vinyl	7.3	7	7.6	1	/	×
Matte Metallic Permanent Vinyl	6.4	6.1	6.7	1	/	×
Shimmer Permanent Vinyl	7.5	7.2	7.8	1	/	×
Holographic Glitter Permanent Vinyl	6.5	6.2	6.8	1	/	×
Hot Color-changing Permanent Vinyl	6.7	6.4	7	1	/	×
Chrome Permanent Vinyl	6.4	6.1	6.7	1	/	×
Stencil Vinyl	6.4	6.1	6.7	1	/	×
Glossy Printable Vinyl Sticker Paper(140 g)	6.5	6	7	1	/	×
Matte Printable Vinyl Sticker Paper(140 g)	6.4	5.9	6.9	1	/	×
Glossy Printable Vinyl Sticker Paper(100 g)	6.3	5.8	6.8	1	/	×
Matte Printable Vinyl Sticker Paper(100 g)	6.4	5.9	6.9	1	/	×
Translucent Printable Vinyl Sticker Paper	7.3	6.8	7.8	1	/	×
Transparent Printable Vinyl Sticker Paper	7	6.5	7.5	1	/	×
Kraft Printable Vinyl Sticker Paper	5.7	5.2	6.2	1	/	×
Heat Transfer Paper for Light Fabric	5.5	5.2	5.8	1	/	×
Heat Transfer Paper for Dark Fabric	5.5	5.2	5.8	1	/	×
Sublimation Paper(105 g)	7.5	7.2	7.8	1	/	×
Sublimation Paper(120 g)	8	7.7	8.3	1	/	×
Glossy Photo Paper(180 g)	9	8.5	9.5	2	±1	×
Basic Printer Paper (A4)	7	6.5	7.5	1	/	×
Cardstock Paper (80 g)	7	6.5	7.5	1	/	×
Cardstock Paper (120 g)	7.5	7	8	2	±1	×
Cardstock Paper (160 g)	7.5	7	8	2	±1	×
Cardstock Paper (180 g)	7.5	7	8	2	±1	×
Cardstock Paper (230 g)	8.5	8	9	3	±1	×
Cardstock Paper (300 g)	9	8.5	9.5	3	±1	×
Cardstock Paper (350 g)	9.3	8.8	9.8	3	±1	×


Material	Cutting Force	Min Force	Max Force	Cutting Passes	Cutting Passes Tolerance	Mirror
Kraft Cardstock Paper (80 g)	7	6.5	7.5	1	/	×
Kraft Cardstock Paper (120 g)	7.5	7	8	1	/	×
Kraft Cardstock Paper (150 g)	7.5	7	8	1	/	×
Kraft Cardstock Paper (230 g)	8.5	8	9	2	±1	×
Glitter Cardstock (300 g)	9.3	8.8	9.8	4	±1	×
Shimmer Cardstock (250 g)	9	8.5	9.5	2	±1	×
Watercolor Paper (230 g)	9	8.5	9.5	4	±1	×
Watercolor Paper (300 g)	8.5	8	9	4	±1	×
Watercolor Paper (450 g)	8.5	8	9	8	±2	×
Mylar Stencil Sheet (0.1mm)	7.5	7	8	3	±1	×
Mylar Stencil Sheet (0.15 mm)	8	7.5	8.5	4	±1	×
Mylar Stencil Sheet (0.2 mm)	9	8.5	9.5	4	±1	×
Mylar Stencil Sheet (0.25 mm)	9	8.5	9.5	6	±2	×
Felt Sheet (1.0 mm)	8.5	8	9	2	±1	×
Faux leather(0.4 mm)	7.5	7	8	2	±1	×
Faux leather (0.5 mm)	7.5	7	8	2	±1	×
Faux leather (1.0 mm)	8.5	8	9	2	±1	×
Faux leather 1.2 mm)	8.7	8.2	9.2	2	±1	×
Fine Glitter Leather(0.5 mm)	7.8	7.3	8.3	3	±1	×
Chunky Glitter Leather(0.6 mm)	8.5	8	9	4	±1	×

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Faux Thick leather(1.5 mm)	6	5.5	6.5	2	±1	×
PVC Template (0.25 mm)	6.5	6	7	2	±1	×
PVC Template (0.3 mm)	6.5	6	7	2	±1	×
PVC Template (0.4 mm)	6.5	6	7	3	±1	×
PVC Template (0.5 mm)	7	6.5	7.5	4	±1	×
EVA Foam Board (1.0 mm)	6	5.5	6.5	1	±1	×
EVA Foam Board (2.0 mm)	6.3	5.8	6.8	1	±1	×
Magnetic Sheet (0.5 mm)	7	6.5	7.5	1	±1	×
Magnetic Sheet (1.0 mm)	6	5.5	6.5	4	±1	×
Shrink Plastic Sheet (0.15 mm)	6.4	5.9	6.9	2	±1	×
Shrink Plastic Sheet (0.2 mm)	6.4	5.9	6.9	2	±1	×
Shrink Plastic Sheet (0.3mm)	6.6	6.1	7.1	3	±1	×



**Deep-point Blade
(Not included in the Box)**

	Material	Cutting Force	Min Force	Max Force	Cutting Passes	Cutting Passes Tolerance	Mirror
 <p>Foil Transfer (Bold, Medium, Fine) Tips (Not included in the Box)</p>	Foil sheet+Basic Printer Paper (A4)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (80 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (120 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (160 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (180 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (230 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (300 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Cardstock Paper (350 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Kraft Cardstock Paper (80 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Kraft Cardstock Paper (120 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Kraft Cardstock Paper (150 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×
	Foil sheet+Kraft Cardstock Paper (230 g)	Bold: 8.5 Medium: 7.5 Fine: 6.5	Bold: 8 Medium: 7 Fine: 6	Bold: 9 Medium: 8 Fine: 7	1	/	×

	Material	Cutting Force	Min Force	Max Force	Cutting Passes	Cutting Passes Tolerance	Mirror
 <p>Scoring Stylus (Not included in the Box)</p>	Basic Printer Paper (A4)	8.5	8	9	1	+1	×
	Cardstock Paper (80 g)	8.5	8	9	1	+1	×
	Cardstock Paper (120 g)	8.5	8	9	1	+1	×
	Cardstock Paper (160 g)	8.5	8	9	1	+1	×
	Cardstock Paper (180 g)	8.5	8	9	1	+1	×
	Cardstock Paper (230 g)	8.5	8	9	1	+1	×
	Cardstock Paper (300 g)	8.5	8	9	1	+1	×
	Cardstock Paper (350 g)	8.5	8	9	1	+1	×
	Kraft Cardstock Paper (80 g)	8.5	8	9	1	+1	×
	Kraft Cardstock Paper (120 g)	8.5	8	9	1	+1	×
	Kraft Cardstock Paper (150 g)	8.5	8	9	1	+1	×
	Kraft Cardstock Paper (230 g)	8.5	8	9	1	+1	×
	Glitter Cardstock (300 g)	8.5	8	9	1	+1	×
	Shimmer Cardstock (250 g)	8.5	8	9	1	+1	×

	Material	Cutting Force	Min Force	Max Force	Cutting Passes	Cutting Passes Tolerance	Mirror
 <p>Pen</p>	Basic Printer Paper (A4)	6.5	6	7	1	/	×
	Cardstock Paper (80 g)	6.5	6	7	1	/	×
	Cardstock Paper (120 g)	6.5	6	7	1	/	×
	Cardstock Paper (160 g)	6.5	6	7	1	/	×
	Cardstock Paper (180 g)	6.5	6	7	1	/	×
	Cardstock Paper (230 g)	6.5	6	7	1	/	×
	Cardstock Paper (300 g)	6.5	6	7	1	/	×
	Cardstock Paper (350 g)	6.5	6	7	1	/	×
	Kraft Cardstock Paper (80 g)	6.5	6	7	1	/	×
	Kraft Cardstock Paper (120 g)	6.5	6	7	1	/	×
	Kraft Cardstock Paper (150 g)	6.5	6	7	1	/	×
	Kraft Cardstock Paper (230 g)	6.5	6	7	1	/	×
	Glitter Cardstock (300 g)	6.5	6	7	1	/	×
	Shimmer Cardstock (250 g)	6.5	6	7	1	/	×