

Industry	No.	Material	Material Thickness	Tool	Blade	Cutting Speed (m/s)
Sign and Graphics	1	PP Vinyl	0.1mm-0.6mm	UCT, Kiss-cut	E17, E1, E2	0.6-1.0
	2	Self Adhesive/ car sticker/Autofoil	0.1mm-0.6mm	UCT, Kiss-cut	E17, E1, E2	0.6-1.0
	3	Flex Banner	0.5mm	PRT	E51, E52	0.8-1.2
	4	Flag Banner, Light box fabric	0.5mm	PRT	E51, E52	0.8-1.2

	5	Reflective Film	0.5mm	UCT, Kiss cut	E17, E2	0.5-0.8
	6	KT Board	5mm-10mm	EOT	E21	0.2-0.4
				V-CUT	E74, E73	0.4-0.7
	7	PVC Foam board/Forex	1mm-5mm	UCT, EOT	E13, E17	0.2-0.3
			6mm-20mm	CNC Router	ER1, ER2	0.2-0.4
	8	Cardboard	0.3mm-2mm	UCT	E17, E16	0.6-1.0
				Creasing Tool	Blade Holder 3	0.6-1.0
	9	MDF (Medium Density Fiberboard)	3mm-30mm	CNC Router	ER1, ER2	0.2-0.3
					E64.1, E64.2	0.2-0.3

	10	ABS board	1mm-3mm	UCT	E13	0.6-0.8
			4mm-12mm	CNC Router	ER1、 ER2	0.2-0.35
	11	Acrylic	1mm-30mm	CNC Router	ER1、 ER2、 E64.1、 E64.2、 E65.1、 E66.1、 E66.2、	0.1-0.3
	12	Aluminium composite(Di-bond, ACM, ACP)	3-6mm	CNC Router	ER1、 ER2	0.1-0.25
Packaging	1	Corrugated paper (E 3-layer)	1.2mm-1.5mm	UCT, EOT	E17	0.6-1.0
				Creasing Tool	Blade Holder 3	0.6-1.0
	2	Corrugated paper (B 3-layer)	2.5mm-3mm	EOT	E17	0.2-0.4

				Creasing Tool	Blade Holder 3	0.6-0.8
	3	Corrugated paper (A 3-layer)	3.5mm-4mm	EOT	E17、 E21	0.2-0.4
				Creasing Tool	Blade Holder 3	0.6-0.8
	4	Corrugated paper (BE 5-layer)	4mm-5mm	EOT	E17、 E21	0.2-0.4
				Creasing Tool	Blade Holder 2	0.6-0.8
	5	Corrugated paper (AB 5-layer)	6mm-7mm	EOT	E21、 E22	0.2-0.4
				Creasing Tool	Blade Holder 1	0.6-0.8
	6	Corrugated paper (ABB 7-layer)	9mm-10mm	EOT	E21、 E18L	0.2-0.4
				Creasing Tool	Blade Holder 1	0.6-0.8
				V-CUT	E74	0.6-0.8

	7	Honeycomb board	10mm	EOT	E18L, E64-4	0.2-0.3
	8	MDF (Medium Density Fiberboard)	3mm-30mm	CNC Router	ER1, ER2, E63.1, E63.2, E64.1, E64.2, E65.1, E66.1, E66.2,	0.2-0.3
	9	Vertical corrugated	2mm-4mm	EOT	E28, E18L	0.1-0.3
				Creasing Tool	Blade Holder 1	0.4-0.6
			5mm-10mm	EOT	E28, E18L	0.1-0.3
				Creasing Tool	Blade Holder 1	0.3-0.6
	10	Grey board	1mm-3mm	UCT, EOT, POT	E13, E17, E22, E46	0.1-0.8
				V-CUT	E75	0.2-0.4

	11	Plastic corrugated board	2mm-7mm	EOT	E18L、 E25、 E64-4	0.1-0.3
	12	Foam (EVA), PE Foam	30mm-50mm	POT	E64、 E64-2	0.1-0.2
Composites	1	Carbon fiber prepreg (unidirectional)	0.5mm-1mm	UCT	E17、 E13	0.5-0.6
	2	Carbon fiber cloth (Woven)	1mm-3mm	PRT	E51、 E52	0.5-0.8
	3	Glass fiber (Fiberglass)	2mm-15mm	SPRT, POT	E51、 E52、 E64-4	0.2-0.8

	4	KEVLAR	2mm-4mm	SPRT	E51、 E52	0.3-0.5
	5	PTFE (membrane)	1mm-3mm	PRT	E51、 E52	0.5-0.8
	6	Carbon fiber curing plate	1mm-3mm	CNC Router	ER1、 ER2 、 E63.1、 E63.2	0.1-0.15
Gasket	1	Asbestos gasket	1mm-3mm	UCT, POT	E13、 E17	0.3-0.6

	2	Graphite gasket	2mm-4mm	POT	E17	0.2-0.3
	3	Rubber gasket	3mm-6mm	POT	E17, E27	0.2-0.3
	4	Metal gasket	1mm-3mm	POT	E16M	0.1
Textiles	1	Knitted fabric	0.8mm-1.5mm	PRT	E51, E52	0.6-1.0

	2	Woven fabric	1mm-2mm	PRT	E51、 E52	0.6-1.0
	3	Non-woven fabric	1-2mm	PRT	E51、 E52	0.6-1.0
	4	Nature Fur Fabric	5mm-25mm	PRT, POT	E52、 E53, E63	0.3-0.6
	5	Industrial fabrics	1mm-3mm	PRT, SPRT	E51、 E52	0.5-0.8

Car Interior; Upholstery	1	Genuine Leather	0.8mm-1.5mm	EOT	E42、 E41	0.3-0.4
	2	PU leather	1mm-2mm	PRT	E51、 E52	0.5-0.8
	3	Coil car mat	10mm-20mm	EOT, POT	E18L, E64- 4	0.3-0.4
	4	PU sponge	8mm-12mm	EOT	E26、 E42	0.2-0.4
				PRT	E51、 E52	0.6-0.8

	5	Micro fiber	1.2mm-1.5mm	EOT	E42、 E26	0.2-0.4
	6	Chenille	1mm-3mm	PRT	E51、 E52	0.4-0.8
	7	Hard carpet	5mm-15mm	SPRT	E51、 E52	0.3-0.5

Material Picture





















