
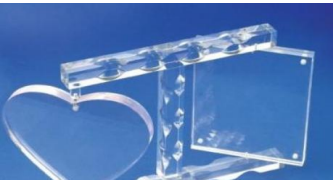
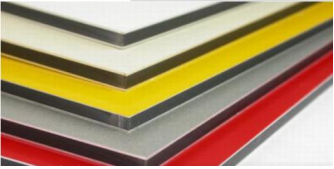


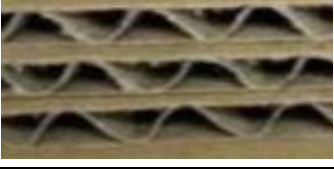





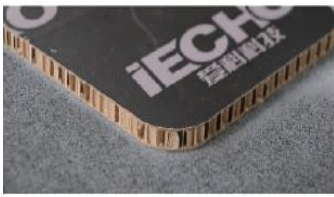



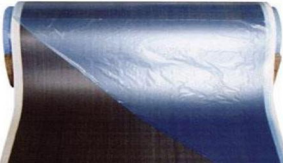
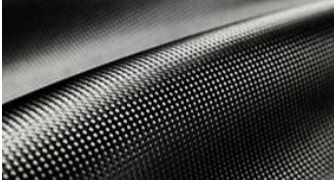








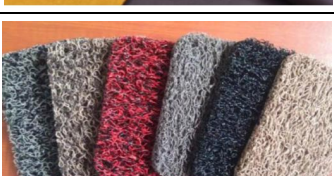
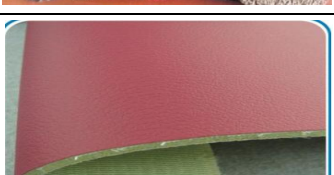
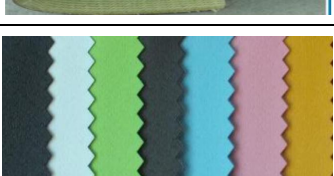

IECHO Material Cutting List

Industry	No.	Material	Material Thickness	Tool	Blade	Cutting Speed (m/s)	Material Picture
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		
		1mm-3mm	UCT	E13	0.6-0.8		

	10	ABS board	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 paper	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	