KONGSBERG X **MATERIAL AND TOOLING GUIDE**

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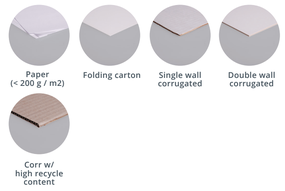
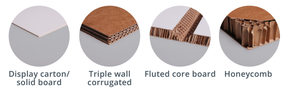
KONGSBERG X MATERIAL AND TOOLING GUIDE		GENERAL PURPOSE TOOLS																						BRAILLE	MULTICUT SPINDLE		POWERHEAD TOOLS								FOAM HEAD
		RECIPROCATING KNIFE TOOLS				STATIC KNIFE TOOLS									CREASE WHEELS				KISSCUTTING KNIFE TOOLS		OTHER KNIFE TOOLS		DRILL TOOLS				HEAVY DUTY TOOLS								
Recommended cutting		Std Reciprocating knife tool 97AR5589	MP Hi-Frequency knife tool 97AR5602	Foamknife 97AR5599 max matr. thickness 30mm (high trav)	Long Stroke Knife tool 97AR5600	CorruSpeed knife 97AR5689	Rigid Material knife tool 97AR5010	Static Knife General Purpose 97AR623	Static Knife Single Edge 97AR833	Psaligraphy knife 97AR5521	Static Knife Folding Carton 97AR621	Static Knife Triple Wall 97AR6222	RBI90-16 knife 97AR5407	VI45-16 knife tool 97AR5313	Corrugated crease tool 26mm 97AR624	Corrugated crease tool 60mm 97AR5408	Folded Carton crease tool 15mm 97AR638	60mm perforation 97AR5517	MicroCut tool 97AR626	KissCut Knife tool 97AR789	Rotacut 97AR5603	Bevel knife 97AR475	Drill tool 97AR449	Braille tool Requires milling head 97AR5396	Milling without LubriCool	Milling with LubriCool	HD knife 17 97AR379	HD knife 30 97AR725	V-notch knife 45 15mm 97AR620	V-notch knife 45 10mm 97AR274	V-notch knife 15 97AR982	V-notch 22,5 97AR5763	V-notch knife 30 97AR983	150mm creasewheels (incl. with Powerhead)	
Alternative cutting																																			
Recommended folding																																			
Alternative folding																																			
Special treatment																																			
Materials																																			
Light duty paper based materials	Paper (< 200 g/m²)																																		
	Folding carton																																		
	Single wall corrugated																																		
	Double wall corrugated																																		
	Corr w/high recycl cont																																		
Heavy duty paper based materials	Display carton / solid board																																		
	Triple wall corrugated																																		
	Fluted core board / Honeycomb <10 mm																																		
	Fluted core board / Honeycomb 10-16 mm																																		
	Fluted core board / Honeycomb 16-20 mm																																		
	Fluted core board / Honeycomb 20-30 mm																																		
	Honeycomb 30-60 mm																																		
Flexible (roll-based) materials	Adhesive (decal) vinyl																																		
	Reflex foil, diamond grade																																		
	Vinyl banner																																		
	Mesh banner																																		
	Textile banner																																		
	Carpet materials w / rubber backing																																		
	Inkjet printing foil / glossy paper																																		
	Sandblasting foil																																		
Synthetic sheeted materials	Corrugated plastic <5 mm																																		
	Corrugated plastic 5-10 mm																																		
	Polypropylene (plastic)																																		
	Clear vinyl PVC																																		
	Solid PVC																																		
	Foamed PVC / PS (Forex, Sintra) <5 mm																																		
	Foamed PVC / PS (Forex, Sintra) >=5 mm																																		
	Styrene, Polystyrene, PS																																		
	Polycarbonate <1 mm																																		
	Polycarbonate >1 mm																																		
	Acrylic panels																																		
	Lenticular display panels																																		
	Magnetic foil																																		
Sandwich materials	Foamboard w/ paper surface																																		
	Foamboard w/ high pressure laminate surface																																		
	ACM (Aluminium composite materials)																																		
Wood materials	Solid wood																																		
	Plywood																																		
	Medium density fibreboard (MDF)																																		
	Wooden chipboard																																		
Special purpose materials	Varnish blankets																																		
	Ejection rubber (for dies)																																		
	Flexo cliché, unprocessed (Cyrel®)																																		
	Flexo cliché, processed, for corrugated (Cyrel®)																																		
	Flexo cliché, processed, for labels (Cyrel®)																																		
Foam materials	Polyethylene foam <20 mm																																		
	Polyethylene foam <30 mm																																		
	Polyethylene foam <86 mm																																		
	Expanded polystyrene <20 mm																																		
	Expanded polystyrene <30 mm																																		
	Expanded polystyrene <86 mm																																		

Light duty paper based materials

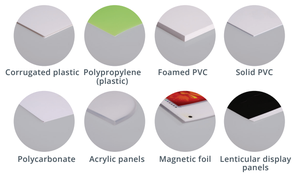


Heavy duty paper based materials

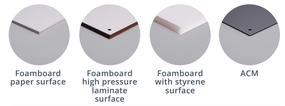


Flexible (roll-based) materials

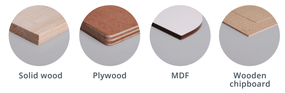
Synthetic sheet materials



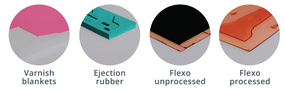
Sandwich materials



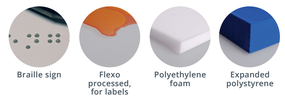
Wood materials



Special purpose materials



Foam materials



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