

	PVC	PVH	ABS	PET	PC
Advantages	<ul style="list-style-type: none"> ▪ Economy priced ▪ Well process able ▪ Good mechanical strength ▪ Direct and Re-transfer Printing possible 	<ul style="list-style-type: none"> ▪ Mechanical strength better than PVC due to a blend between PVC and PET layer ▪ Heat resistance better than PVC (depending on PET share) ▪ Direct and Retransfer Printing possible 	<ul style="list-style-type: none"> ▪ Very economy priced ▪ Good heat resistance (80-100 °C) ▪ Best resistance to low temperatures ▪ Good mechanical strength ▪ Re-transfer Printing possible ▪ Ecological 	<ul style="list-style-type: none"> ▪ Good heat resistance (90- 100 °C) ▪ Very good mechanical strength ▪ Ecological ▪ Excellent print results with Retransfer Printing process. 	<ul style="list-style-type: none"> ▪ Long lifetime, very durable ▪ Very good heat resistance (up to 160 °C) ▪ Ecological
Keep in mind	<ul style="list-style-type: none"> ▪ Limited life time ▪ Low heat resistance (60-90 °C) ▪ Disposal critical 	<ul style="list-style-type: none"> ▪ More expensive than PVC ▪ Disposal critical ▪ Lifetime as ABS 	<ul style="list-style-type: none"> ▪ Certain restrictions on preprinting apply; no pre-printing possible on personalization side ▪ Direct Card Printing Process not applicable ▪ Longer life-time than PVC 	<ul style="list-style-type: none"> ▪ Slightly more expensive than PVH ▪ Direct Print Process not applicable ▪ Manufacturing more complex than for PVC (laminating, die-cutting) 	<ul style="list-style-type: none"> ▪ More expensive than PET ▪ Easily breakable when damaged ▪ Direct Card Printing not applicable ▪ Longest life-time
Manufacturing	<ul style="list-style-type: none"> ▪ Lamination of layers 	<ul style="list-style-type: none"> ▪ Lamination of layers 	<ul style="list-style-type: none"> ▪ Lamination of layers or injection molding 	<ul style="list-style-type: none"> ▪ Lamination of layers or injection molding 	<ul style="list-style-type: none"> ▪ Lamination of layers or injection molding
Personalization	<ul style="list-style-type: none"> ▪ Embossing; ▪ Printing; ▪ Laser-Engraving 	<ul style="list-style-type: none"> ▪ Embossing; ▪ Printing; ▪ Laser-Engraving 	<ul style="list-style-type: none"> ▪ Printing; 	<ul style="list-style-type: none"> ▪ Embossing; ▪ Printing; ▪ Laser-Engraving 	<ul style="list-style-type: none"> ▪ Printing; ▪ Laser-Engraving