

Which Ink for which substrate

Ink variety selection	1k pad printing ink				1k and 2k pad printing inks						2 k pad printing inks			
	M 404	M708-2	M908-4	M615	M366	M368	M420-2	M720	M745	M924	M702	M727	M908-3	M909
addition of hardener					10:1	10:1	10:1	10:1	10:1	10:1	4:1	4:1	4:1	20:1
drying type	Air	NIR 140°C/20 min	NIR 140°C/20 min	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air	Air / NIR 140°C/20 min
ABS, SAN, ASA	++				+	+	O	O	++	O	+	++	+	
Polystyrene (PS)	+				++	++	O	++	++	O	+	O	+	
Polycarbonate (PC)	++				+	+	++	++	++	++	+	+		
acrylic glass (PMMA)	++				++	++	++	+	++	+	++	++	++	
PVC hard	++				+	+	++	++	++	+				
PVC soft	++				O	O	O							
Polyamide (PA)		+	+					++ (2)	+	(2)	++	+	++	x
Pre-treated Polypropylene (PP)														
Polyethylene (PE)	O				+	(2)	+	(2)	++	(2)	++	+	++	
Untreated Polypropylene (PP)				++										
Polyacetal (POM) post-treatment required								++ (2)		+	(2)	++	++	
Polyester					+	(2)	+	(2)	++	(2)	+	++	++	
Polyurethane (PUR)					+	(2)	+	(2)	O	+	(2)		++	
TPE/TPU	O											O		
Leather / Imitation leather	+													
Rubber														
Silicone														
Thermosets		+	+					+	(2)	+	(2)	+	(2)	++
Glass														++
Metals		+	+					+			+	+	+	++
Lacquered surfaces	O						O	+			++	+	++	
paper / wood					++	++	++	++		++				

++ = particularly suitable for the application

+ = suitable for the application

O = conditionally suitable for the application

(2) = Processing with hardener required