

SCREEN PRINTING INKS

List of products and index for this booklet → Select appropriate ink according to the printing material

Index	Base name	Ink name	Ink type	Drying time	Gloss	Usage or applicable material	Standard solvent	Slow-dry solvent	Retarder	Washing solvent
4	Vinyl	LOV	Evaporating	20-30min	Glossy	Hard or soft vinyl products, vinyl stickers	T-912	T-920	T-980	T-15 or T-911
4		HIP	Evaporating	10-20min	None	Hard or soft vinyl products, vinyl stickers	T-912	T-920	T-980	T-15 or T-911
5		ACT	Evaporating	5-10min	None	Hard or soft vinyl products, vinyl stickers	T-912	T-920	T-980	T-15 or T-911
6		SG 700	Evaporating	20-30min	Glossy	Weather-durable vinyl stickers	T-912	T-920	T-980	T-15 or T-911
6		JET-V1	Evaporating	Instant drying	None	PVC, PC film, Vinyl stickers. Effective using by JET Instant drying system	T-920	—	—	T-15 or T-911
7	Polyester	PAL Matte	Evaporating	20-30min	None	Polyester (PET) film, Polyester stickers	T-995	T-997	T-980	T-903
8		GAP New	Evaporating	20-30min	Semigloss	Polyester (PET) film, Polyester stickers	T-977	T-980	T-953	T-903
9		RAM	Evaporating	40-60min	Glossy	Polyester (PET) film, Polyester stickers	T-976	T-974	T-980	T-903
9		RAM Matte	Evaporating	20-30min	None	Polyester (PET) film, Polyester stickers	T-976	T-974	T-980	T-903
10	Acrylic PC	2500	Evaporating	20-30min	Semigloss	Acrylic products, electric signs, acrylic nameplates	T-2500	T-2500S	T-980	T-15
11		CAV MEIBAN	Evaporating	20-30min	None	Polycarbonate, acrylic, vinyl nameplates	T-945	T-947	T-980	T-15
12	ABS PS	ABS	Evaporating	20-30min	Glossy	Styrol, ABS, and As products	T-472	T-971	T-979	T-902
12		STR	Evaporating	20-30min	Glossy	Styrol, ABS, and As products	T-475	T-962	T-982	T-15
13	Urethane	SG 740	Two-part reaction	Curing at 80°C x 30min	Semigloss	Treated PP/PE, nylon cloth, metals (anodized aluminum), coated products	T-926	T-927	T-980	T-15
14		VIC	Two-part reaction	Curing at 80°C x 20min	Semigloss	Metals, coated products, ABS, treated PP/PE	T-926	T-927	T-980	T-15
14		MS8	Two-part reaction	Curing at 70°C x 60min	Glossy	Treated (PP, PE)	T-926	T-980	—	T-15
15		HAC	Two-part reaction	60°C x 60min	Semigloss	Hard-coated acrylic, PC and PET	T-926	T-927	T-980	T-15
16	Polyolefin	SG 410	Evaporating	20-30min	Semigloss	Synthetic leather, synthetic rubber, textiles	T-941	T-942	T-980	T-905
17		OP22	Evaporating	20-30min	Semigloss	Synthetic paper, PP dumper	T-900	T-910	T-950	T-907
17		60A	Evaporating	20-30min	None	Untreated PE film, foamed polyethylene	T-900	T-910	T-950	T-907
18		PP	Evaporating	20-30min	None	Untreated Polypropylene	T-900	T-910	T-950	T-907
18		PP TAISAN (antacid)	Evaporating	20-30min	None	PP Battery case	T-900	T-910	T-950	T-907
19	Epoxy	PPT	Evaporating	10-20min	Semigloss	Untreated polypropylene	T-900	T-910	T-950	T-907
20		1000	Two-part reaction	Curing at 80°C x 40min	Glossy	Metals, painted surfaces, treated PE and PP, glass	T-1000	—	T-965	T-31
21										
22		1300	Baking	Curing at 150°C x 30min	Glossy	Metals, painted surfaces	T-1000	—	T-965	T-31
23		1300HK	Baking	Curing at 150°C x 30min	Glossy	Metals, painted surfaces	T-980 T-990	—	—	T-31
24		1400N	Baking	Curing at 150°C x 30min	Glossy	Metals, painted surfaces	T-980 T-990	—	—	T-31
25	1690N	Two-part reaction	Curing at 150°C x 30min	Glossy	Metal, glass, enamel surfaces	T-1000	—	T-965	T-31	
26	Epoxy ink performance chart 1000 • 1300 • 1300HK • 1400N • 1690N									
27	Alkyd	500N	Baking, oxidation	80°C x 30min 2hrs	Glossy	Painted metal surfaces, reflective sheet	T-900	T-910	T-950	T-907
28		400	Oxidation	40min (set to touch), 3-4hrs (hard dry)	Glossy	Metal or wood coating	T-125	T-910	T-950	T-907

Index	Base name	Ink name	Ink type	Drying time	Gloss	Usage or applicable material	Standard solvent	Slow-dry solvent	Retarder	Washing solvent
29	Scratch-off	SOF	Evaporating	10-15min	None	Lottery, scratch and peel	T-125	—	T-933	T-907
30 31		MIRROR EFFECT INK	Evaporating	60°C x 15-20min	Semigloss	PETfilm.PVC acrylics, Polycarbonate	T-1000	—	—	T-15 or T-31
	Poster	JRP	Evaporating	12-15min	None	Poster(indoor/outdoor), signboards(cloth, paper, Synthetic paper),coated paper, treated paper	T-900	T-910	T-950	T-907
		SAM	Evaporating	12-15min	None	Posters, signboards (paper and cloth), paper products (economy grade ink)	T-125	—	T-949	T-125
		MSG	Evaporating	20min	Glossy	Coated paper products	T-900	T-910	T-950	T-907
		100	Oxidation	20-30min	None	Paper products, posters, signboards (cloth, paper, synthetic paper), plywood	T-125	—	T-949	T-125
		PRO	Evaporating	12-15min	Semigloss	4-color, halftone printing	T-900	T-910	T-950	T-907
	Fluorescent	P(paper) Lumino	Evaporating	10-30min	None	Posters, signboards (paper and cloth), paper products	T-900	T-910	T-950	T-907
		V(vinyl) Lumino	Evaporating	5-10min	None	Vinyl, hard and soft products, labels, stickers	T-1500	T-920	T-980	T-15
32	IMD	Plastic Injection Molded Products								
33	Overcoat transparent	8600	Three-part reaction	60°C x 60min	Highgloss	Protects ink over PVC stickers, PC plates (High gloss finish)	T-976	—	—	T-31
33		SG 425	Two-part reaction	60°C x 60min	Glossy	Protects ink over PVC stickers, PVC plates, acrylic plates. PC, PET plates	T-976	—	—	T-31
33		S612-8	Two-part reaction	60°C x 30min	Glossy	Protects ink over PVC stickers, PC plates (quick-dry type)	T-976	—	—	T-31
33		SG 429B	Two-part reaction	60°C x 60min	Glossy	Protects ink over PC stickers, PVC plates, acrylic plates, PC, PET plates	T-920	—	—	T-31
33		SG 429R	Two-part reaction	60°C x 60min	Glossy	Hard coating of printing over plastics	T-920	—	—	T-31
34 36		UV ink	US	UV cure	UV irradiation (sec.)	Glossy	PP, PE, PET bottle and sheet	—	—	—
37	UVA		UV cure	UV irradiation (sec.)	Glossy	PVC, polycarbonate	Diluent UV 8070	Sensitizer, UV688, UV 666, and UV634 (for white only)	T-31 or T-15	
37	HUG		UV cure	UV irradiation (sec.)	Glossy	ABS, PS, PVC acrylic, polycarbonate				
37	RIG		UV cure	UV irradiation (sec.)	Glossy	Metallic coating, glass, stainless steel	Diluent UV 8085			
37	PZU		UV cure	UV irradiation (sec.)	Glossy	PVC, polycarbonate				UV-8071
39		UV Medium series - UV high deposit Medium series								
40		TJN	UV cure	TJN apparatus UV irradiation	Glossy	Paper, PVC, Polycarbonate, vinyl stickers	TJN mediumL			
41		List of Apparel Related Products (Plastisol ink WILFLEX, Transfer papers, Equipment.)								
42		Care series Care 3-101								
42		New color requesting forms								
43		Weather resistance list								
44		List of qualified products on the Food Hygiene Act (Standard No.20) (August 2002)								
44		List of qualified products on the Food Hygiene Act Standard (former the Ministry of Welfare No.434) (May 1990)								
45		List of products and colors meet Japan Toy Safety Standard requirements (July 2001)								
45		Specified substances and S.P.I classification listed in the article 477 notification controlled by the Ministry of Labor Standard Office								
45		Hazardous substances (Lead chromate) listed in the Industrial Safety and Health Law (Law No.57)								
46		Special-purpose & Water Based inks								
47		Important notes								
48		MSDS								