

'HYDROSOL' SOLVENT INKJET MATERIALS

The Kernow HydroSol coatings fall within the Hydroprint range, materials developed for print houses used to offset-type conditions, instant-drying, with scuff- and water-resistance a given.

The HydroSol materials should work in this way with all 'eco/mild' solvent printers.

	Base	Total	Width	Core	Length
	mic.	mic.	mm	mm	Lm
Photo Papers					
HydroSol - Solvent Photo Gloss Paper P225SPG 220gsm (225mic)		225	1372	76	30
Gloss microporous photo paper for solvent inks giving water resistant prints			1524	76	30
No need for lamination					
HydroSol - Solvent Photo Satin Paper P225SPS 220gsm (225mic)		225	1372	76	30
Satin microporous photo paper for solvent inks giving water resistant prints			1524	76	30
No need for lamination					
GLOSS Polyester films					
HydroSol - Solvent Gloss Lightblock 155SGL - 155 microns	125	155	914	76	30
<i>High-gloss surface for optimum ink adhesion, scratch and water resistance</i>			1067	76	30
<i>Bright-white front but lightblocking <u>anti-static</u> grey back for >98% opacity against rear lights</i>			1270	76	30
<i>Instant roll-up displays, may avoid the need for lamination with certain printers</i>					
HydroSol- Solvent Gloss Lightblock 280SGL - 280 microns - See note below	250	280	914	76	30
<i>High-gloss surface for optimum ink adhesion, scratch and water resistance</i>			1067	76	30
<i>Bright-white front but lightblocking <u>anti-static</u> grey back for >98% opacity against rear lights</i>			1270	76	30
<i>Ideal for pop-up displays, may avoid the need for lamination with certain printers</i>					
HydroSol - Solvent Gloss Backlight 151SGB - 150 microns	125	150	1067	76	30
<i>Front print on high-gloss, scratch-resistant coating, with light-diffusing back-coat</i>			1372	76	30
<i>High-resolution coating with bright diffuser for optimum <u>day/night</u> performance</i>			1524	76	30
HydroSol - Solvent Gloss Backlight 201SGB - 200 microns	175	200	914	76	30
<i>Front print on high-gloss, scratch-resistant coating, with light-diffusing back-coat</i>			1067	76	30
<i>High-resolution coating with bright diffuser for optimum <u>day/night</u> performance</i>			1270	76	30
<i>Weather-resistant for outdoor displays</i>			1372	76	30
			1524	76	30
HydroSol - Solvent Clear for Separations 142SGC - 142microns	125	142	762	76	30
<i>Glass Clear Film for silkscreen separations (with high res. printers)</i>			1372	76	30
<i>High-gloss coating with antistatic back-coat</i>			1524	76	30
<i>Otherwise useful as clear film where high-stability or heat-resistance is required</i>					
HydroSol - Solvent Gloss Silver 119SGM - 119 microns	100	118	1270	76	30
<i>High-gloss coating for maximum mirror finish, plus clear antistatic back-coat</i>					
The first water-resistant digital solution for high-impact printed-mirror graphics					

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	Base Total mic.	Width mic.	Core mm	Length Lm
HydroSol - Solvent Matt White 130SMW - 130 microns <i>Lower cost alternative to 155SMW</i> <i>High brilliance poster work and simple banners</i>	100	130	TBC	76 30
HydroSol - Solvent Matt White 155SMW - 155 microns <i>Anti-reflective matt surface for optimum ink adhesion, scratch and water resistance</i> <i>Bright-white front for optimum contrast, resistant white back coating for static control</i> <i>Highly suitable for scrolling banners and instant roll-up graphics</i>	125	155	914	76 30 1270 76 30 1524 76 30
HydroSol - Solvent Matt Lightblock 165SML - 165 microns <i>Anti-reflective matt surface for optimum ink adhesion, scratch and water resistance</i> <i>Bright-white front but lightblocking anti-static grey back for >98% opacity against rear lights</i> <i>Instant roll-up displays, may avoid the need for lamination with certain printers</i>	125	165	914	76 30 1067 76 30 1270 76 30
HydroSol - Solvent Matt Lightblock 290SML - 290 microns - See note below <i>Anti-reflective matt surface for optimum ink adhesion, scratch and water resistance</i> <i>Bright-white front but lightblocking anti-static grey back for >98% opacity against rear lights</i> <i>Ideal for pop-up displays, may avoid the need for lamination with certain printers</i>	250	290	914	76 30 1270 76 30
HydroSol - Solvent Matt Lightstop Duo 195SMSD - 195 microns <i>Print both sides for flat hanging banners with sharp bright images</i> <i>Excellent light stopping performance and flexibility, no show-through</i> <i>Dry off the printer for quick reversing</i> <i>Excellent scuff resistance means no lamination necessary</i>	170	200	914	76 30 1270 76 30
HydroSol - Solvent Matt Backlight 164SMB - 165 microns <i>Front print on matt diffusion coating with long-life UV durability</i> <i>Print and post: no lamination necessary</i> <i>Weather- and scratch-resistant for scrolling displays</i>	125	165	914	76 30 1270 76 30 1372 76 30 1524 76 30
HydroSol - Solvent Matt Backlight 215SMB - 215 microns <i>As above</i>	175	215	1270	76 30 1372 76 30 1524 76 30

TEXTILE and OTHER Films

	Base Total mic.	Width mic.	Core mm	Length l.m.
HydroSol - Solvent Textured Lightblock 180STL - 180 microns <i>Anti-reflective surface for optimum ink adhesion, scratch and water resistance</i> <i>Bright-white front with lightblocking anti-static grey back for >98% opacity against rear lights</i> <i>Instant Roll-Up displays, avoiding the need for lamination but with laminated effect.</i>	125	180	914	76 30 1270 76 30
Solvent Polymeric Satin 190SPS <i>Low cost alternative to photobase papers. Short drying time.</i> <i>High brilliance poster work and simple banners</i> <i>Can be grommeted and sewn.</i>	180	190	914	76 30 1067 76 30 1372 76 30 1524 76 30
Solvent Gloss Artist's Canvas 550SGAC - 550 microns - 400gsm <i>True fine art texture from natural 100% cotton. Stays flat, resists creasing</i> <i>No cracking, perfect for stretching</i> <i>Light Gloss finish combines with ecosolvent inks to produce instant oil-type gloss</i> <i>No lamination or laquering necessary for long-term, professional art results</i>	550	550	1372	76 25

TAKLITE RANGE polyester films

Features Taklite coating for repeat sticking and peeling away without residue

	Base Total mic.	Width mic.	Core mm	Length l.m.
HydroSol Matt White Taklite 148SMWT - 148 microns <i>Anti-reflective matt surface for optimum ink adhesion, scratch and water resistance</i> <i>Exterior or interior on glass and metal for temporary publicity</i>	125	148	914	76 30 1270 76 30
HydroSol Backlight Taklite 161SMBT - 161 microns <i>Front print on matt diffusion coating with long-life UV durability</i> <i>Very fast drying with optimum scuff & scratch resistance building over 2 hours</i>	125	161	914	76 30 1270 76 30
HydroSol Gloss Backlight Taklite 151SGBT - 151 microns <i>High-gloss, high-resolution coating with diffuser for optimum day/night performance</i>	125	151	914	76 30 1270 76 30
HydroSol Clear Taklite 141SGCT - 141 microns <i>Glass Clear film with high-resolution ink acceptance</i> <i>Fabulous and long-lasting translucent colour effects possible</i>	125	141	914	76 30 1270 76 30