

# Hydroprint Gloss White Adhesive Film S053HGXF

S053HGXF is a Gloss aqueous coated polyester film, with a permanent pressure sensitive adhesive laminated to a matt anti-static polyester release liner. The construction is optimised for dry toner print applications.

## Physical characteristics

Property	Typical Value	Unit	Test Method
Total Thickness	160 +/- 5	μ	Electronic micrometer
Weight	205 +/- 6	g/m <sup>2</sup>	Internal method
Face Film Thickness (no adhesive)	53 +/- 2	μ	Electronic micrometer
Liner Thickness	90 +/- 4	μ	Electronic micrometer
Gloss 60	>80	%	BYK Gardner
Opacity	>95	%	TAPPI T519
Tensile Strength (Face)	MD 14 TD 17	KgF/mm <sup>2</sup>	ASTM D882-83
Melting Point	250	C	ASTM E794-85
Adhesive Peel on Stainless Steel	>12	N/25mm	FINAT 1 (30min dwell)
Adhesive Application Temperature	+5 to +50	C	Internal Method
Adhesive Service Temperature	+0 to +50	C	Internal Method

### Compatibility:

Suitable for most dry toner (laser/LED) & thermal transfer print processes, both mono and colour small-volume, mid-volume & production machines.

On such machines the user must establish for themselves the optimum settings and paper path, being aware of the thickness and weight of the material.

### Applications and characteristics:

- Tear resistant, high stability, water resistant front face.
- Ideal for signage & rugged labelling.
- Gloss surface promotes toner adhesion & smoothest imaging on a wide range of toner based printers.
- High grab, high-tack permanent acrylic pressure sensitive adhesive for long duration.
- Film release for optimal lay-flatness & dimensional stability.

**Recommended conditions for use:** 10°C - 30°C, 40% - 55% RH  
**for storage:** 10°C - 20°C, 20% - 55% RH

Please return unused product to its original packaging

### Shelf Life:

18 months after delivery (under recommended storage conditions)

Rev: EU 11/07

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