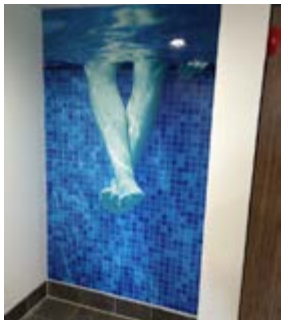
bild™
a product of Better Life Technology, LLC

PRINT MEDIA SPECIFICATIONS


THE MOST DURABLE, DESIGNABLE, MULTI-USE PRINT MEDIA

BILD™ print media is a one-of-a-kind product designed as a grand-format print media suitable for a wide range of permanent and free floating applications. Specifically designed for all types of printers, both solvent and UV curable, it is best suited for second surface printing and offers the most durable material wear layer in the industry.

PRODUCT INFORMATION

	CLEAR		SOLID	
THICKNESS	35mil .035in	75mil .075in	75mil .075in	85mil .085in
SIZE				
54in x 25ft Roll, 30 lbs	•			
5ft x 10ft Sheet / Roll, 32 lbs		•		•
5ft x 50ft Roll, 160 lbs		•		
10ft x 50ft Roll, 320 lbs		•		
10ft x 61ft Roll, 350 lbs			•	
10ft x 61ft Roll, 403 lbs				•
COLORS				
Absolute White			•	•
Clear	•	•		
Midnight Black			•	
Slate Grey			•	
TEXTURES				
Ceramic		•	•	
Super Smooth				•
Woodgrain	•	•		

Custom options in Diamond Tread, Levant, and Small Coin.

APPLICATIONS

- Retail/POP
- Sports Arenas
- Movie Theaters
- Trade Shows
- ASI Applications
- Gymnasiums
- Locker Rooms
- Show Rooms
- Wall to Wall Installs
- Convention Centers
- Bars/Restaurants
- Anti-Fatigue Mats

PRINT OPTIONS

BILD print media is designed for digital and screen printing processes. Other processes may apply with custom approved testing results.

Digital: BILD print media can be printed using flatbed and roll-to-roll formats. The print head height must be set at 0.020in over the standard printer head height. Both solvent and UV curable inks are suitable for BILD print media. Ink curing should not exceed 180° F as excessive heat can cause a cupping effect to the print media material. Speeding up the print carriage and/or decreasing the number of print head passes will resolve excessive heat-related issues.

Screen Printing: Both solvent and UV curable inks are approved for use in screen printing with BILD print media. Ink curing should not exceed 225° F, and it is recommended to cure at the highest speed possible through the curing unit. Excessive heat exposure from the curing unit or the curing bed can cause the material to become damaged.

UV inks: Use a 60 durometer or 70 durometer squeegee, 305-355 mesh plain weave.

Solvent inks: Use a 60 durometer or 70 durometer squeegee, 155-230 mesh plain weave.

PRINT MEDIA SPECIFICATIONS

MATERIAL ACCLIMATION/ OPTIMUM PRINT TEMPERATURE RANGE

All material must be unpackaged and acclimated in the print environment for 24 hours before printing.

Material Temperature Range for application: -15 to 160º F. Although BILD print media remains flexible in cold, shock cracking can occur.

All remaining material should be rolled tight on the original core and placed back in the original tube. Better Life Technology, LLC. is not responsible for material stored improperly or material that has not properly acclimated.

Printers Note: Cooler temperatures can slow the recovery rate for the material to lay flat, resulting in a "wavy" material when laid down. Warming material will quickly bring it to a relaxed state for optimum printing. For best results, let the material acclimate to room temperature 24 hours prior to printing.

Optimum Print Temperature Range: 65 to 110º F

WHITE BACKER

The best application of white ink for image contrast is achieved with a direct print on UV printing equipment. See FAQ's for other options.

CUTTING & TRIMMING

It is recommended to use flatbed finishing equipment with reciprocating knives when cutting BILD print media. Cold Steel Rule Die Cutting is also approved as a finishing product. Routing is not recommended as excessive heat from the router may cause the material to produce undesirable edges.

DURABILITY/WEATHERING

BILD print media has a 3 year limited durability warranty. This warranty covers the print media material only. Imaging durability is ink related as to MFG specs. Better Life Technology® offers no expressed warranties on custom imaging. End Users must determine if outdoor durability is suitable for their end use. Extended exposure to water may cause temporary material clouding. Material will return to clear once dry.

TOP COAT FINISH

BILD print media comes with a protective factory-applied Satin top coat. Top Coat provides additional protection against scuffs and scratches in high traffic environments, making it easier to clean and maintain. Other sheens are available upon request.

Satin Top Coat

TOP COAT SPECIAL ORDER

Matte Top Coat

High Gloss Top Coat

ACCESSORIES

SEAMING

G-Floor Welding Rods
G-Floor Seam Tape

FINISHING

G-Floor Back Tract

ADHESIVE

Taylor MS Plus Resilient Adhesive

RECOMMENDATIONS

Welding Gun
Underlayment

TECHNICAL SPECIFICATIONS

Test	Outcome
	09 65 00 Resilient Sheet Vinyl
ANSI B101.3 (Slip Resistance)	Passed
ASTM D3389 Abrasion Resistance (Durability)	Weight Loss after 1,000g = 0.06g ; Weigh loss after 5,000g =.013g
ASTM F1515 Light Stability Resistance (Color Fastness/Fade Resistance)	Exposed 100/200/300 hours = little to no change
ASTM D2859 Surface Flammability (Flame Resistance)	Passed
ASTM E96 Water Vapor Transmission (Topical Moisture Penetration)	Permeance Factor of 0.478 (Virtually waterproof)
ASTM F925 Standard Test Method for Resistance to Chemicals	After 24 hrs., little to no change. (Chemicals Tested: ammonia, bleach, inks & markers, crayons, black scuff markers, gum, rock salt, synthetic snow melt, acetic acid, wax stripper, asphalt sealer, roofing tar)

*These test results are based on the 35 mil Clear Woodgrain with Standard Satin Top Coat. Specific tests for other textures and top coats are available and have similar results.

9736 Legler Rd • Lenexa • KS 66219
913.894.0403 • 877.810.6444
www.bltllc.com