

Textiles

- Crystal Point
- Water
- (eco) Solvent
- UV Curable
- UVgel
- Latex

# IJM579 Polyweave Heavy - B1

## 235 g/m<sup>2</sup>

**Product Description** B1-certified, 100% polyester, heavy photo textile, with a water-resistant, matt surface, for indoor and short-term outdoor use.

Physical Properties	Thickness	280 µm	ISO 534	Threads per inch	38	
	Weight	230 g/m <sup>2</sup>	ISO 536	Denier	150 * 600	
	Tensile Strength MD/CD	113 / 75 Kg/mm <sup>2</sup>		Fire retardant	B1	
	Chromaticity L* a* b	93 * 0.84 * - 4.60	ISO 13655			

All values listed are target values

<b>Applications/ features</b>	Indoor and short-term outdoor signs Textile banners Roll-up displays Banner stands Wall advertising Textile blinds (roll-up)	Excellent print quality, high image sharpness Fire retardant B1 Moisture resistant Short-term outdoor (pigment inks) Can be cut with hot knife without fraying No edge curl under tension
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Available Widths (mm)	3" core + 2" adapter	610	914	1067	1524						
	Refer for our current offering to <a href="http://www.canon-europe.com/mediaguide">www.canon-europe.com/mediaguide</a>										

**Storage Conditions** Shelf life: 2 years, Temperature 15-25°C, Relative Humidity 20-60%. Repack opened rolls when not in use. The rolls should be stored hanging from the core plugs inside the box (otherwise striping may occur).

**Print Conditions** Best results are obtained at 21°C and 20-60% Relative Humidity.

**Environment, Health & Safety** No Material Safety Data Sheet required.

Lamination Compatibility	Cold	Warm	Hot	Cold: pressure sensitive Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C
	no	no	no	

**Outdoor Use** This material is developed for pigmented inks and recommended for both indoor and short-term outdoor use. Outdoor durability is up to 6 months, only when pigmented inks are used (results may vary based on application and usage).

**Colour Profiles** Canon develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

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## Processing Guidelines

### Printing guidelines

Side to be printed is the outer side of the roll. Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves. It is recommended to calibrate the printer before printing and to make a test print. Textiles tend to crease when fed through printers. For minimizing creasing and prevent risk on head-strikes always use the take-up unit of the printer. Increasing the printhead height adjustment will minimize the risk on head-strikes. To optimize print quality, print-mode should be set for highest print quality. Ink restrictions and printer settings have to be set for specific printer ink combinations to obtain the best results. Canon media profiles include recommended ink restrictions and printer parameters. Depending on environment and application, printer parameters may have to be adjusted slightly in order to obtain the best results.

For UVgel technology, only compatible in matte print modes.

### Application guidelines

Allowing the prints to dry at least 24 hours before finishing is strongly advised. When using for banners or other hanging applications, hemming the edges is recommended. When applying grommets, they should be inserted in double-hemmed edges. Corner grommets should be placed where the length and width hems cross, so that the grommet goes through four layers. Using glue or pressure sensitive adhesives is not recommended, as this does not prevent the material from natural environmental shrinkage over time. When you use a "hot-knife" to cut this textile, there will be no fraying.

### Laminating guidelines

Liquid laminates are compatible and provide excellent surface protection. Always pretest the liquid laminate for compatibility prior to using. It is not recommended to overlaminate with pressure sensitive laminates because they do not have complete contact with the surface of the textured textile.

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