

Technical Data Sheet

Product: Dimense Media

Product identifier: DS-HR-MAT (DS MEDIA HIGH RESIST MATT 1.6x50 m)

Dimense Media is a PVC and phthalate free foamable substrate with additional surface effects for digital printing. Dimense Media is polyolefin-based consisting mineral fillers with cellulose-based backing. This media has an additional protective layer that provides increased scratch resistance.

Producer: DG Dimense UAB, Lithuania

Properties:

Appearance:	Solid
Surface color:	White
Surface effect:	Matt
Roll width:	1.60 m
Media length in roll:	50 m
Roll weight (with core):	25,3 kg/roll (± 130 g)
Core diameter (inside):	76 mm
Winding direction:	Print side out
Foaming layer:	Polyolefin with natural mineral filler
Base layer (non woven):	Cellulose with polyester fibers
Media grammage:	~ 320 g/m ²
Thickness before foaming:	~ 0.35 mm
Thickness after foaming*:	~ 0.8 mm
Light fastness:	Good light fastness (conformity to ISO 105B02)
Washability*:	Washable (conformity to DIN EN 12956)
Fire resistance**:	B-s1, d0 (ISO 13501-1) Class A or 1 (ASTM E84) B-s1, d0, t0 (GB 8624-2012)
Indoor suitability ranking**:	Evaluation according to AgBB-scheme 2024, France VOC and CMR regulation (Class A+).

*- Foaming height depends on the printing parameters.

** - Certification carried out after printing with Dimense Technology inkjet printer, using appropriately prepared printing settings.

Product usage:

Digital printing:	only for Dimense Technology inkjet printer and inks
Wallpapering on the wall (after printing):	Yes
Wallpapering on the acoustic panels (after printing):	No
Painting after printing:	No
Template for gypsum and concrete molding:	No
SEG-silicone edge graphics (after printing):	No
Surface lamination (after printing):	Available (requires compatibility of laminating film with media and specialized equipment)

Additional recommendations:

Recommended storage temperature: between +5°C and +35°C.

Shelf life in unopened container: 24 months.

For good processability use at room temperature: between +19°C and +25°C, moisture <80%.