

# Technical Data Sheet

**Product:** Dimense Media

**Product identifier:** DS-T2-PEA (DS MEDIA TYPE2 PEARLE 1.6x35 m)

Dimense Media is a PVC and phthalate free foamable substrate with additional surface effects for digital printing. Dimense Media is polyolefin-based consisting flame retardant filler and non woven backing.

**Producer:** DG Dimense UAB, Lithuania

## Properties:

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| Appearance:                                               | Solid                                          |
| Surface color:                                            | Pearl                                          |
| Surface effect:                                           | Pearlescent                                    |
| Roll width:                                               | 1.60 m                                         |
| Media length in roll:                                     | 35 m                                           |
| Roll weight (with core):                                  | ~27 kg/roll                                    |
| Core diameter (inside):                                   | 76 mm                                          |
| Winding direction:                                        | Print side out                                 |
| Foaming layer:                                            | Polyolefin with flame retardant filler         |
| Base layer (non woven):                                   | Cellulose with polyester fibers                |
| Media grammage:                                           | ~440 g/m <sup>2</sup>                          |
| Thickness before foaming:                                 | ~0.5 mm                                        |
| Thickness after foaming:                                  | ~1.2 mm                                        |
| Light fastness:                                           | Good light fastness (conformity to ISO 105B02) |
| Washability*:                                             | Washable (conformity to DIN EN 12956)          |
| Fire resistance*:                                         | Class A or 1 (ASTM E84)                        |
| Quality Standard for Polymer Coated Fabric Wallcovering*: | TYPE 2, according to W-101 (2017) standard     |

*\*: Certification carried out after printing with Dimense Technology inkjet printer, using appropriately prepared printing settings. After printing, the surface is coated with a protective varnish Marabu ClearShield® Classic (MATT).*

## Product usage:

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Digital printing:              | yes (Digital printing using Dimense ink only) |
| Wallpapering (after printing): | yes                                           |
| Painting after printing:       | no                                            |
| SEG (after printing):          | no                                            |

## 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%.