

## Mara®Shape DUV-HBV High-Build-Varnish

The Mara®Shape DUV-HBV is a digital ink, specially developed for the digital decoration of haptic glass structural effects.



### Application

The Mara®Shape DUV-HBV is a specially developed varnish for the digital decoration of glass containers. Special designs can be realised by printing haptic structures. Depending on the number of layers, thicknesses of more than 1 mm can be realized easily. By using the Mara®Shape DUV-HBV, glasses can be universally embellished haptically without complex moulding tools.

Marabu works closely with machine partners and integrators in these applications. Mara®Shape DUV-HBV is perfectly adapted to Xaar's 1003 printhead.



### Your Benefits

- **Extended design freedom**
  - Excellent contour sharpness
  - Finest contours and dots can be realised
  - Coloured and haptic effects
  - Convex and concave shapes printable
  - Quick and easy customisation
- **Individualisation up to batch size 1**
  - Scalable at identical unit costs
  - One glass shape for countless designs
  - Ultimate flexibility for repeat orders
  - No minimum order quantity for commissioned glass moulds
- **Dishwasher resistance**
  - The end product meets the requirements for dishwasher resistance (500 cycles industry; 50 cycles household)
- **Less maintenance required**
  - Filigree contours are printed, reducing the maintenance of the glass form
- **Recyclability**
  - The lacquer oxidises in the melt without leaving any residue

### For questions:

Technical Hotline  
Tel.: +49 7141 691140  
digitalsales@marabu.com