

# Face Shield/Visor

**Protective Face Shield One Size (Pack of 10), code: C19004**

This protective face shield should complement the wearing of a face mask. This face shield will protect the wearers entire face from splashes and infectious agents. This face shield can be reused once clean extensively with the correct disinfectant. The product is made with ISO accredited material and manufactured in the UK. Ideal for use in retail, health and beauty sectors.

- Protective Face Shield/Visor
- ISO 350mix Poly Propylene
- UK manufactured
- Protects the entire face





Ref. **CRISTAL+**  
Range **Transparent**  
Embossing **Gloss / Gloss**  
(Top / underside)

## Composition

- Polypropylene sheet
- Halogen free, no substances that can damage the ozone layer
- Inert waste, non toxic and 100% recyclable
- Decomposition products by fire : carbon dioxide CO<sub>2</sub>, vapour H<sub>2</sub>O

## Chemical properties

- Resistant to water, fats, alcohols and some solvents.
- Polypropylene can swell if exposed to certain solvents.
- Polypropylene along with several other plastics, can be distorted by some conventional litho inks. If the Priplak® is to be used within a litho printed job, avoid litho inks with mineral oil distillate. Vegetable / Soya based inks or similar are known to work well. Check with your ink supplier. Perform trials if in any doubt.

## Physical properties

Properties	Units	Test method**	Values**	Tolerances
Thickness	µm	ISO 4593	300 to 1200	+0,02mm / -0,03mm
Density	g/cm <sup>3</sup>		0,91	+/- 0,01 g/cm <sup>3</sup>
Haze value	%	ASTM D 1003 tested on 500µm sample	11	+/- 0,3 unit
Flexural Elastic Modulus	MPa	ASTM D 790 tested on 500µm sample	1100	+/-5%
Tensile Impact test	KJ/m <sup>2</sup>	ISO 8256 tested on 500µm sample	420	
Elmendorf Tear resistance	mN	ISO 1974 tested on 500µm sample	3600	+/-3%

\*\* These values are given as indicative for a standard quality and based on the standards mentioned.

The physical properties of the material will change with the temperature conditions.

Near or below 0°C, the material will become brittle. Therefore, for low temperature applications, please contact us for a specific product.

As a thermoplastic, the material may lose stiffness, with increasing temperatures. It may also swell. These changes are noticeable around 70°C. The Melting point of our product is around 140°C.

## Sheets size tolerance

Sheet size : 0/+5mm ( machine and cross direction )  
Sheet flatness : 5mm on both sides

## Use conditions

- Acclimatisation at room temperature 24 to 48h after delivery
- Pallets not to be stacked.
- Due to its gloss finish on both sides, this product is sensible to scratching issue. Therefore, it is recommended to handle sheets with precaution, but also to draughtproof equipment in order to minimize scratching issue during conversion

## Printing on Priplak®

### Printing UV technology

- Priplak® is corona treated on both sides to enable it to be printed in UV offset, UV screen, and UV digital.  
At the time of production, the surface energy is above 46 dynes/cm - but this declines over time. We recommend that Priplak is printed within 6 months from the date of production- for embossed grades, and 3 months for gloss products. (Exact production date is on the label). Keeping the material in its original wrappers and stored in a place without wide variations in temperature - or high humidity is very important. We recommend testing the suitability of the material prior to printing.
- Priplak suggest 4 sides trimmed material for automatic feeding. Our products are treated with an antistatic agent to help with feeding and reduce dust.
- Priplak® Cristal+ is printable on both sides. Innovative design gives great optical properties and 2 gloss sides with anti blocking characteristics that allow optimal productivity without needing to clean the blankets, or the best possible results, with thin gloss materials (≤ 350 microns), we recommend aerating the sheets.
- Priplak recommend special inks for polypropylene. Details can be obtained from your ink supplier. Preliminary trials/testing are advised.
- In order to protect the print and to prevent ink scratching, we recommend that you apply a protective varnish especially for UV offset.

### Other printing technology

Conventional screen (1 pack or 2 packs inks.) Priplak® can be printed with a surface tension down to 40 dyne/cm. It is recommended to test before printing.