



PrintSolutions

- Full face shield designed to provide protection from fluid and splashes
- Clear visor to provide optimal visibility with clearance for prescription eyewear
- Foam headband insert to improve comfort and fit for the user

PLEASE NOTE

Swivel variant pictured left *(for illustrative purposes only)*

Swivel variant Out of Stock at June 2020

****Fixed variant supplied as per web site picture****

Material Specifications

White PP

The **White PP** sheets comply with European Directive 2002/95/ EC (ROHS) and 1907/2006/95/EC (REACH) and EU Regulation 10/2011.

1. White PP sheets technical properties.

Test	Conditions	Result
Tensile properties (ASTM D638)		
Tensile strength at yield*	MD 23 °C TD	26 N/mm ² 23 N/mm ²
Tensile strain at yield*	MD 23 °C TD	16% 11%
Young's modulus*	MD/TD 23 °C	395/340 N/mm ²
Thermal properties		
Vicat softening point (ASTM D1525)		140°C
Heat distortion Temp. (ASTM D648)		85 °C
Specific gravity		~ 1.0 g/cm ³
Surface Energy		Min. 42 dynes/cm

*Tests were made on 0.300 mm thick sheets.

2. White PP sheets production specification.

Sheet Dimensions	Value	Tolerances
Thickness	From 0.220 mm to 1.000 mm	+ 0.03 mm / - 0.03 mm
Width	MAX. 1400 mm (in thickness till 0.300 mm)	0/+5 mm
Width	MAX. 1600 mm (in thickness from 0.300 till 1.000 mm)	0/+5 mm
Length	MAX. 3500 mm Sheets	0/+8 mm sheet
LT	0 %	0 %-0.1%
Angle 90 ° ^B	90 ° ^B	89.8-90.2 ° ^B
Embossing	Satin/Satin	
Color	MAPAL White 055	
Standard Configuration	Sheets	

Staufen Clear PVC - PR 107 4D

Transparent rigid PVC film, high impact modification. Suitable for offset UV, digital, screen, flexo and gravure printing. An anti-glare effect and scratch resistance can both be achieved with an embossed surface. Calendered, rigid PVC film. The formulation of our product is in compliance with Regulation (EU) No 10/2011. The rest monomer content regarding Vinylchlorid is max. 1,0 ppm. The film complies with the guideline 94/62 EC ("Packaging and Packaging waste") and is suitable for direct contact with foodstuffs*.

Properties	Value	Unit	Test method
Thickness tolerances < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	± 10 ± 7 ± 5	%	In accordance to DIN 53370 (95% of all measurements)
Density	1,32 ± 0,02 (without pigments)	g/cm ³	DIN EN ISO 1183-1:2004
Tensile impact strength	> 650 (surface gls/gls)	kJ/m ²	DIN EN ISO 8256
Tensile strength	> 44	N/mm ²	DIN EN ISO 527-1-3
Vicat softening point	77 ± 2	°C	DIN EN ISO 306 procedure VST/B50 as pressed sheet
MD expansion due to heat *** < 0,200 mm 0,200 – 0,400 mm > 0,400 mm	(gls/gls) max. - 7 max. - 5 max. - 4	%	In accordance to DIN 53377 (140°C/10 min)
*** ± 3% in case of embossed films			
Surface tension	gls/gls (2020 ≥ 34 both sides)	mN/m (dynes/cm)	In accordance to DIN ISO 8296:2008-03 measured with inks (pens)

ACOUSTIFOAM

Acoustifoam comprises a range of open cell polyurethane foams, with a wide selection of surface finishes to meet various requirements. Acoustifoam F – Is a general purpose, acoustic foam used extensively in multiple industries Acoustifoam NF – Is impregnated with fire retarding chemicals for use in applications requiring a Class 'O' fire rating.

Technical Details

Operating Temperature: From -10°C to 80°C

Fire Performance: Acoustifoam F meets the requirements of FMVSS302/ISO3795

Acoustifoam NF complies with the Class 'O' requirements of the building regulations, when tested to BS476: Part 6: 1981 and Part 7: 1987. It also complies with various European Standards.

DIMENSIONS & DENSITY

Product	Density KG/m ³	Thickness mm	Sheet Size mm
Acoustifoam F	28-32	25 & 50	2000 x 1000
Acoustifoam NF	75	12, 25 & 50	2000 x 1000