

# solvoprint PVC mesh superior

## Technical Information

### ➤ General information

- 100 % Polyester weave with PVC coating
- ca 350 g/ m<sup>2</sup> PVC grid-fabric
- air permeability regarding **EN ISO 9237** 2670 L/m<sup>2</sup>/sec at 2 mbar barometric pressure
- light transmission approx. 29,4 %

### ➤ Areas of application

- printable with solvent, eco solvent as well as with UV-curable inks
- for all kinds of application (indoor and outdoor)
- suitable for displays, banners, exhibitions, signs and billboards
- especially made for scaffolding covers and facade advertising
- very dimensionally stable by extra yarn

### ➤ Processing & Handling

- for further handling and storage recommendations please refer to the latest product catalogue or visit our homepage under [www.neschen.com](http://www.neschen.com)
- to avoid fingerprints, protective gloves are recommended to be worn while handling
- assure the print in dry before coating or seeming
- do not dry in the rolled up condition
- expected outdoor durability up to 1 year for Central-Europe (storm damages and other environmental influences excepted)

### ➤ Advantages / Special Features

- PVC coated on both sides
- fungicide coating
- photo quality is possible
- good tear resistance
- very high colour brilliance
- UV resistant
- good welding
- Fire protection: B1 and M1 cert.

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### ➤ Technical Data

#### ➤ Carrier:

<b>Material:</b>	Polyester fabric with both sides PVC coating		
<b>Weight [g/m<sup>2</sup>]:</b>	approx: 350 ± 20		
<b>Thickness [µm]:</b>	approx.: 490	approx.: 19.3 mil	
<b>Yarn per cm [DIN EN 1049-2]:</b>	4.7 x 5 per cm		
<b>yarn:</b>	1100 dtex		
<b>Tear strength [N/15mm]:</b>	md: > 450	cd: > 375	DIN 53455
<b>Elongation at tear[%]:</b>	md: > 20	cd: > 25	DIN 53455
<b>Tear resistance [N/mm<sup>2</sup>]:</b>	md: > 60	cd: > 50	DIN 53455
<b>Air permeability [l/m<sup>2</sup> / sec] (EN 9237):</b>	approx: 2670 l/m <sup>2</sup> sec		

#### ➤ Others:

<b>Shelf life [years]:</b>	1.5 years after the production date
<b>Handling/storage-conditions:</b>	15-30°C / 59-86° F, 50% RH, Rolls kept in dust free environment and original packaging
<b>Temperature stability:</b>	-20 to 70°C / -4 to +158°F
<b>flammability:</b>	B1 according DIN 4102, M1, NFPA - 701

All tests were performed in accordance with 23/50-2, DIN 50014.