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Monday to Thursday from 8 am to 5 pm Friday from 8 am to 3 pm We are at your service:

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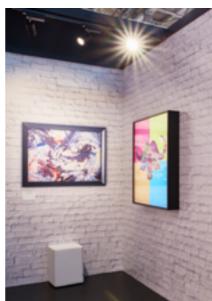


PRODUCT CATALOG | GRAPHICS











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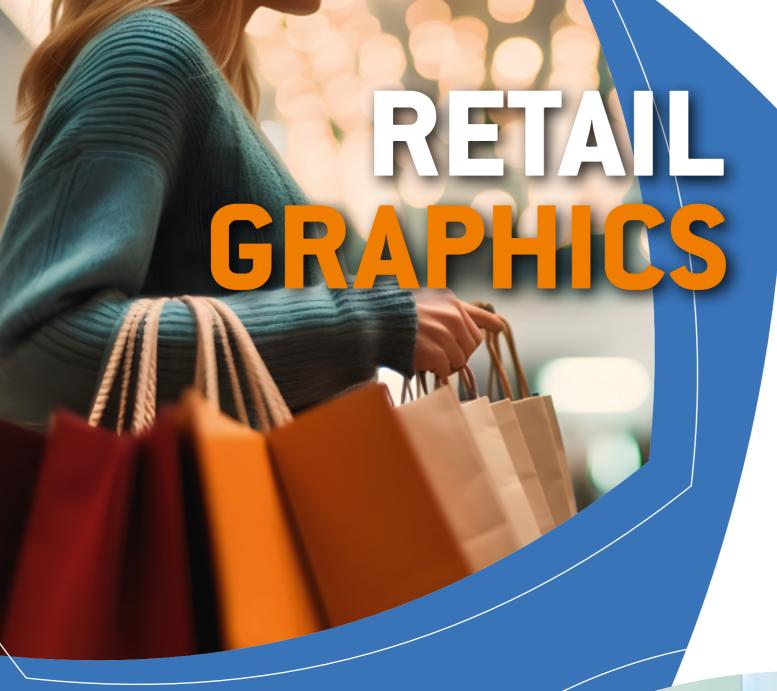




living in groundwater. Furthermore, NESCHEN uses water-based and thus

solvent-free adhesives.

NESCHEN.COM/green-graphics



YOUR UNIQUENESS IS OUR PRIORITY!

For the architectural, decorative and advertising needs of your business we have developed an extensive Retail Graphics portfolio. Scan QR-code for more Info!



NESCHEN.COM/retail-graphics





EASY DOT® - MEDIA

The key feature of these media is the dot-shaped adhesive, which allows the most straightforward bubble-free application among all printing materials. You can remove the prints from most surfaces without any residue.

QUICKFINDER	A	PPLIC	OITA	NS	Ŋ		IN	(TECH	INOLO	GY			CERTIF	ICATES	5
EASY DOT® FAMILY	Exterior / Outdoor	Window Graphics	Floor Graphics	Flat Surfaces	PVC-free	Latex	N/	UV LED	UVgel	(Eco) Solvent	Water-based	EN 13501	M1	Slip Resistance	150 22196
solvoprint® easy dot® matt / glossy	•	•		•		•	•	•	•	•		•	•		
solvoprint® easy dot® 180				•		•	•	•	•	•					
solvoprint® easy dot® whiteout	•			•		•	•	•	•	•		•			
solvoprint® easy dot® clear		•		•		•		•		•		•			
solvoprint® easy dot® transparent		•		•		•		•		•		•			•
solvoprint® easy dot® gold / silver		•		•		•	•	•		•					
solvoprint® easy dot® red / black		•		•		•	•	•		•					
UVprint PP easy dot® matt	•	•		•	•		•	•	•			•			
UVprint PP easy dot® transparent		•		•	•		•	•	•			•	•		
easy dot® PP matt WB		•		•	•						•	•			
easy dot® PET matt L-UV	•	•		•	•	•	•	•	•			•			
easy dot® PET transparent L-UV		•		•	•	•	•	•	•			•			
UV dot print'n'walk®			•	•		•	•	•				•		R9	
UV dot print'n'walk® transparent			•	•		•	•	•						R9	
solvoprint® dot print'n'walk R10 red / yellow			•	•		•	•	•	•	•				R10	
easy dot® Chalkboard black / green				•		•	•	•		•					

easy dot®

easy dot®-media have the best latex printing compatibility of virtually all PVC-based self-adhesive media in the market. All the white versions also have an excellent printing performance with UVgel printers. Ideal for short- to midterm applications. Their PE-paper liner offers the best possible lay flat performance during printing and post-processing. The plotting and die-cutting properties are outstanding.

solvoprint® easy dot® glossy

100 µm monomeric soft PVC, white, glossy, suitable for outdoor applications up to one year, PE liner with the best flatness properties.

Order no.	L (m)	W (cm)	Inches	Notes
6039998	50	106,7	42	
6030348	50	137,2	54	
6042658	50	160	63	
6034736	250	137,2	54	6 rolls MOQ*, 6 Inch core
6045711	250	160	63	6 rolls MOQ*, 6 Inch core

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

- EN 13501
- M1



PRODUCT CATALOG | GRAPHICS 7

^{*} minimum order quantity



solvoprint® easy dot® matt

100 µm monomeric soft PVC, white, matt, suitable for outdoor applications up to one year, PE liner offering the best flatness properties

Order no.	L (m)	W (cm)	Inches	Notes
6034818	50	106,7	42	
6030349	50	137,2	54	
6042654	50	160	63	
6040244	75	106,7	42	15 rolls MOQ*
6037456	75	137,2	54	15 rolls MOQ*
6042653	75	160	63	15 rolls MOQ*
6039991	250	106,7	42	6 rolls MOQ*, 6 inch core
6034735	250	137,2	54	6 rolls MOQ*, 6 inch core
6042652	250	160	63	6 rolls MOQ*, 6 inch core



solvoprint® easy dot® 180

180 µm monomeric soft PVC, very white, matt, with high opacity providing see-through of spotted surfaces, for short- and midterm indoor use, due to its thickness, this media offers the easiest bubble-free application ever.

Order no.	L (m)	W (cm)	Inches	Notes
6041158	30	106,7	42	
6040884	30	137,2	54	

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

- EN 13501
- M1



INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent



solvoprint® easy dot® whiteout

100 µm monomeric soft PVC, white, matt, with high opacity providing see-through of spotted surfaces, suitable for outdoor applications up to one year, PE liner offering the best flatness properties

Order no.	L (m)	W (cm)	Inches	Notes
6038256	50	106,7	42	
6036465	50	137,2	54	
6042662	50	160	63	
6040138	75	137,2	54	15 rolls MOQ*
6044718	250	106,7	42	6 rolls MOQ*, 6 inch core

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

INK TECHNOLOGY

• (Eco) Solvent CERTIFICATES • EN 13501

• Latex

• UV LED

CERTIFICATES

• EN 13501



surfaces, mirror inverted printing allows inside mounted window advertising						
Order no.	L (m)	W (cm)	Inches	Notes		
6034820	50	106,7	42			
6032517	50	137,2	54			
6042656	50	160	63			
6038313	75	137,2	54	15 rolls MOQ*		
6044973	250	106,7	42	6 rolls MOQ*, 6 inch core		
6034734	250	137,2	54	6 rolls MOQ*, 6 inch core		
6043901	250	160	63	6 rolls MOQ*, 6 inch core		

^{*} minimum order quantity

solvoprint® easy dot® transparent

100 µm monomeric soft PVC, transparent, glossy surface, for indoor

glass surfaces, mirror inverted printing allows inside mounted window

W (cm) Inches Notes

42

54

63

42

54

54

42

54

15 rolls MOQ*

15 rolls MOQ*

16 rolls MOQ*, 3 inch core

6 rolls MOQ*, 6 inch core

6 rolls MOQ*, 6 inch core

applications, PE liner, offering the best flatness properties, ideal for

advertising, higher transparency than solvoprint® easy dot® clear

106,7

137,2

106,7

137,2

137,2

106,7

137.2

160

3509 ANTI **INK TECHNOLOGY**

- Latex
- UV LED
- (Eco) Solvent

CERTIFICATES

- EN 13501
- ISO 22196



easy dot® color

windows etc.

Order no. L (m)

50

50

50

75

75

125

250

250

6038258

6036692

6042663

6045926

6046041

6046109

6040329

6041438

For the fastest bubble-free application of plotted advertisements on shop windows, as no wet application is necessary. This saves several hours, as the application tape/paper can be removed immediately after fitting. Ideal for plotting and die-cutting of any shapes and big letters, mirrored plotting allows the inside application on shop windows. For transferring of connected letters, we recommend application papers/tapes with low or medium adhesive force.

solvoprint® easy dot® gold / silver

- Latex good shrinkage performance, ideal for Christmas decorations in shop
 - (Eco) Solvent
- Order no. L (m) W (cm) Inches Color Notes 6040711 30 137,2 54 while stock gold 6040712 30 137,2 54 silver lasts

100 µm polymeric vinyl with a glossy surface in gold or silver, very

INK TECHNOLOGY

- UV-curable
- UV LED



solvoprint® easy dot® black / red

100 µm monomeric vinyl with a matt surface in black or red, ideal for shop window decorations and any big letter writings (like SALE for example)

Order no.	L (m)	W (cm)	Inches	Color
6041133	30	137,2	54	black
6041134	30	137,2	54	red

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- (Eco) Solvent



^{*} minimum order quantity

PP-/PET-based easy dot® media

These PVC-free easy dot® products offer new potentials. They are part of our environmentally friendly product range and are fulfilling the requirement for more environmentally friendly products.



INK TECHNOLOGY

• UV-curable

CERTIFICATES • EN 13501

INK TECHNOLOGY

• UV-curable

CERTIFICATES

INK TECHNOLOGY

Water-based

• HP Pagewide

 HP Indigo CERTIFICATES • EN 13501

• EN 13501

• UV LED

UVgel

• UV LED

UVgel



UVprint PP easy dot® matt 3517 PVC

90 µm polypropylene, warm white, matt, smooth media surface, for short- and medium term indoor applications, also suitable for short term outdoor use

Order no.	L (m)	W (cm)	Inches	
6043391	50	137,2	54	
6043395	10	160	63	
6043394	50	160	63	
6046179	250	137,2	54	6 rolls MOQ*, 6 inch core
6046632	250	160	63	6 rolls MOQ*, 6 inch core



UVprint PP easy dot® transparent

60 µm polypropylene, transparent, smooth media surface, for short- and medium-term indoor applications, mirrored print allows indoor application on shop windows, direct sunlight not recommended, better see-through clarity than the PVC-based solvoprint@ easy dot@ transparent

Order no.	L (m)	W (cm)	Inches
6042598	50	137,2	54
6042413	50	160	63

PP matt backing

75 µm polypropylene, warm white backing film for UVprint PP easy dot® transparent, for indoor applications in environmentally friendly combination, especially behind glass and as diffuser for backlit applications, more cost-efficient alternative to full-surface white printing

Order no.	L (m)	W (cm)	Inches
6044689	50	137,2	54
6044657	50	160	63



easy dot® PP matt WB



145 µm polypropylene, brilliant white, matt finish, smooth media surface, inkjet coating for water-based inks, for short- and medium term indoor applications

Order no.	L (m)	W (cm)	Inches	Notes
6044356	50	101,6	40	while stock lasts
6044078	30	137,2	54	while stock lasts

^{*} minimum order quantity



6044539

6044540

6045005

Order no. L (m)

50

50



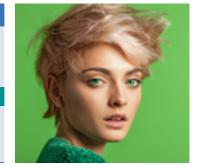
Latex

• UV-curable

• UV LED

CERTIFICATES

54 • EN 13501 54



easy dot® PET transparent L-UV

75 µm polyester, transparent, crystal-clear and glossy, for indoor applications, EN 13501 fire protection certification with very high B-s1,d0 classification, PE liner for best flatness

75 µm polyester, smooth, matt, water-resistant, scratch-resistant,

very high B-s1,d0 classification, PE liner for best flatness

W (cm)

137,2

137,2

160

for indoor and outdoor applications, EN 13501 fire certification with

Inches

63

Order no.	L (m)	W (cm)	Inches	
6045845	50	106,7	42	
6044341	10	137,2	54	
6044342	50	137,2	54	
6044662	50	160	63	

PP matt backing

75 µm polypropylene, warm white backing film for easy dot® PET transparent L-UV, for indoor applications in environmentally friendly combination, especially behind glass and as diffuser for backlit applications,

more cost-efficient alternative to full-surface white printing

Order no.	L (m)	W (cm)	Inches	
6044689	50	137,2	54	
6044657	50	160	63	

INK TECHNOLOGY

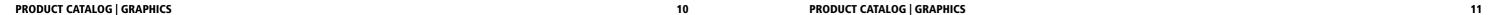
- Latex
- UV-curable • UV LED

CERTIFICATES

• EN 13501







Special easy dot® media

The easy dot® adhesive makes life easier for floor graphics applications, like the direct printable print'n'walk media, which are slip-resistant directly after printing, without needing an additional lamination film. It allows easy reconfiguration of simple surfaces to a Chalkboard surface (writable with standard and liquid chalk)!



UV dot print'n'walk® 30

200 µm white, structured monomeric soft PVC, for indoor applications, fire classification according to EN 13501-1 incl. UV-curable inks, R9 certified (IFA) after being printed with UV-curable and latex inks, no additional laminating film required, permanent dot-shaped adhesive, PE liner for best flatness, easy application without bubbles, can be removed from most surfaces without any residue in line with the floor graphics processing information, for short-term self-adhesive applications such as POS campaigns or trade fair design

Order no.	L (m)	W (cm)	Inches	Notes
6037895	30	106,7	42	
6037897	30	137,2	54	
6042660	30	160	63	
6040258	60	137,2	54	15 rolls MOQ*
6042659	60	160	63	15 rolls MOQ*



UV dot print'n'walk® transparent

200 µm transparent, structured monomeric soft PVC, for indoor applications, R9 certified (IFA) after being printed with UV-curable inks, no additional film required, permanent dot-shaped adhesive, PE liner for best flatness, easy application without bubbles, can be removed from most surfaces without any residue in line with the floor graphics processing information, for short-term self-adhesive applications such as POS campaigns or trade fair design

Order no.	L (m)	W (cm)	Inches	Notes	
6043975	30	137 2	54	while stock lasts	



- Latex
- UV-curable

INK TECHNOLOGY

Latex

UVgel

• UV-curable • UV LED

CERTIFICATES

• EN 13501 • R9

- UV LED
- UVgel

CERTIFICATES

INK TECHNOLOGY

• R9

Latex

• UV LED

• UVgel

• R10

• UV-curable

• (Eco) Solvent

CERTIFICATES



solvoprint® dot print'n'walk R10 red / yellow

150 µm, red, resp. yellow pigmented, structured, monomeric soft PVC, for indoor applications, R10 certified (IFA), no additional film required, base color keeps scratch resistant, cost and time saving as only letters need to printed, dot-shaped adhesive, glassine liner, easy application without bubbles, can be removed from most surfaces without any residue in line with the floor graphics processing information, for short-term self-adhesive applications such as POS campaigns or trade fair design

Order no.	L (m)	W (cm)	Inches	Color	Notes
6044274	30	137,2	54	red	while stock
6044275	30	137,2	54	yellow	lasts

easy dot® tape R10 red / yellow									
Order no.	L (m)	W (cm)	Inches	Color	Notes				
6044503	30	5	2	red	while stock				
6044504	30	5	2	yellow	lasts				

^{*} minimum order quantity

easy dot® Chalkboard black / green

180 µm black / resp. green, structured, monomeric PVC-film for writing/ drawing with standard or liquid chalk, writable numerous times and wiped clean with a damp cloth, easy to apply due to the easy dot® technology, printable with (eco) solvent, latex and UV-curable inks, for best printing results we recommend first to print a layer with white ink, suitable for cutting plotters, indoor and short term outdoor application as well

Order no.	L (m)	W (cm)	Inches	Color	Notes
6038694	10	137,2	54	black	
6038695	30	137,2	54	black	
6040738	30	137,2	54	green	while stock lasts

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED







EASY DOT® MEDIA – SHEETS

For (UV) offset or screen printing, the products are also offered as sheets, for example, in the dimension of 70 cm x 100 cm. The PP versions are ideal for HP Indigo or toner printing systems.

QUICKFINDER	A	PPLIC	ATION	IS	ŋ		IN	IK TEC	HNOLOG	Υ		CERTIF	ICATES
EASY DOT® FAMILY – SHEETS	Exterior / Outdoor	Window Graphics	Floor Graphics	Flat Surfaces	PVC-free	UV offset	Std. offset	UV screen print	Solvent screen print	HP Indigo	Toner systems	EN 13501	M1
NESCHEN easy dot® matt	•	•		•		•		•	•			•	•
NESCHEN easy dot® clear		•		•		•		•	•			•	
NESCHEN PP easy dot® matt	•	•		•	•	•		•			•	•	
NESCHEN PP easy dot® transparent		•		•	•	•		•		•	•	•	
easy dot® PP matt WB		•		•	•		•			•			



NESCHEN easy dot® matt

100 µm monomeric soft PVC, white, matt surface, PE liner ensures best flatness and the faultless flow of material through UV offset machines and screen printing systems

Order no.	L (m)	W (cm)	Pack	Notes
6033492	70	100	100 she	ets
6033493	70	100	1.000 she	ets
6042398	137,2	100	1.000 she	ets 4 packs MOQ*

INK TECHNOLOGY

- UV offset
- UV screen print
- Solvent screen print

CERTIFICATES

• EN 13501



INK TECHNOLOGY

• UV screen print

INK TECHNOLOGY

Xerox toner CERTIFICATES • EN 13501

• Ricoh &



NESCHEN easy dot[®] clear

100 µm monomeric soft PVC, clear, matt surface (frosted), PE liner ensures the best flatness and the faultless flow of material through UV offset machines and screen printing systems, highly suitable for application on glass surfaces (frosted glass effect)

Order no.	L (m)	W (cm)	Pack
6033494	70	100	100 sheets
6033495	70	100	1.000 sheets

• Solvent screen print

CERTIFICATES

UV offset

• EN 13501



NESCHEN PP easy dot® matt

Order no.	L (m)	W (cm)	Pack
6044079	32	46	100 sheets

⁹⁰ μm polypropylene, warm white, matt, smooth media surface, for shortand medium term indoor applications, EN 13501 fire rating B-s1,d0

NESCHEN PP easy dot® transparent

60 µm polypropylene, transparent, smooth media surface, for short- and medium-term indoor applications, mirrored print allows indoor application on shop windows, direct sunlight not recommended, better see-through clarity than the PVC-based solvoprint® easy dot® transparent

Order no.	L (m)	W (cm)	Pack
6041953	32	46	150 sheets
6041954	53	75	150 sheets

INK TECHNOLOGY

- Ricoh & Xerox toner
- HP Indigo

CERTIFICATES

• EN 13501



easy dot® PP matt WB

145 μm polypropylene, brilliant white, matt finish, smooth media surface, for short- and midterm indoor applications, EN 13501 fire rating B-s1,d0

Order no.	L (m)	W (cm)	Pack	Notes
6039866	32	46	100 sheets	while stock lasts
6045359	53	75	100 sheets	while stock lasts

INK TECHNOLOGY

- Water-based
- HP Pagewide
- HP Indigo

CERTIFICATES

• EN 13501





^{*} minimum order quantity



SELF-ADHESIVE FILMS

These media have a full-surface adhesive coating. You can choose between monomeric and polymeric vinyl (PVC-based) types, depending on your desired durability and media performance. PVC-free media such as polypropylene (PP)-based types are the more environmentally friendly choice. Adhesives range from removable to permanent types, including unique high-tack solutions for difficult surfaces.

QUICKFINDER		APPLICATIONS			ŋ		INK	TECH	INOLO	GY		CERTIFICATES				
SELF-ADHESIVE FILMS	Exterior / Outdoor	Window Graphics	Floor Graphics	Wall Application	Flat surfaces	Difficult surfaces	PVC-free	Latex	ΛN	UV LED	UVgel	(Eco) Solvent	Water-based	EN 13501	M1	Slip Resistance
FILMOprint Mono 100 GP	•				•			•	•	•	•	•		•		
FILMOprint Mono 100 MP	•				•			•	•	•	•	•		•		
FILMOprint Mono 100 GP nolite	•				•			•	•	•	•	•		•		
FILMOprint Mono 100 MP nolite	•				•			•	•	•	•	•		•		
FILMOprint Mono 100 MR					•			•	•	•	•	•		•		
FILMOprint Mono 100 GR nolite					•			•	•	•	•	•		•		
FILMOprint Mono 100 MR nolite					•			•	•	•	•	•		•		
solvoprint® easy fix® 150 GSP					•			•	•	•	•	•				
solvoprint® easy fix® 180 MSP					•			•	•	•	•	•			•	
solvoprint® power-tack 100	•				•	•		•	•	•	•	•		•		
solvoprint® power-tack 180	•				•	•		•	•	•	•	•		•		
UV print'n'walk power-tack			•		•	•		•	•	•	•			•		R9
solvoprint® performance clear 80	•				•			•		•		•			•	
solvoprint® performance wall-grip	•			•	•	•		•	•	•	•	•		•		
NESCHEN PP wall-grip L-UV smooth	•			•	•	•	•	•	•	•	•			•		
NESCHEN PP wall-grip L-UV sand	•		•	•	•	•	•	•	•	•	•					R9

Monomeric vinyls

These media are less expensive than polymeric PVC types and are suitable for short- to medium-term indoor and mostly outdoor use. The usual shelf life of the products is up to four years. These media may exhibit slight shrinkage due to the monomeric plasticizers.

FILMOprint Mono 100 GP/MP/GP nolite/MP nolite/GR nolite/MR nolite

100 µm monomeric soft PVC, white, glossy (G) or matt (M), for indoor and outdoor applications, permanent (P) resp. removable (R) adhesive, standard, or gray colored (nolite) adhesive, for short-term to mid-term applications such as trade fair design and POS campaigns, recommended lamination films: filmolux® easy gloss/matt

FILMOprint Mono 100 GP 710					
Order no.	L (m)	W (cm)	Inches	Notes	
6041996	50	105	41,3		
6041998	50	137,2	54		
6041999	50	160	63		
6042396	50	200	78,7	120 rolls MOQ*	

01	FILMOprint Mono 100 MP 710						
	Order no.	L (m)	W (cm)	Inches	Notes		
	6042000	50	105	41,3			
	6042002	50	137,2	54			
	6042003	50	160	63			
	6042395	50	200	78,7	120 rolls MOQ*		

FILMOprint Mono 100 GP nolite					'103
Order no.	L (m)	W (cm)	Inches		
6042004	50	105	41,3		
6042006	50	137,2	54		
6042007	50	160	63		

3	FILMOprint Mono 100 MP nolite					
	Order no.	L (m)	W (cm)	Inches		
	6042008	50	105	41,3		
	6042010	50	137,2	54		
	6042011	50	160	63		

FILMOprint Mono 100 MR				
Order no.	L (m)	W (cm)	Inches	
6042016	50	105	41,3	
6042018	50	137,2	54	
6042019	50	160	63	

35	FILMOprint Mono 100 MR nolite				
	Order no.	L (m)	W (cm)	Inches	
	6042855	50	105	41,3	
	6042858	50	137,2	54	
	6042859	50	160	63	

FILMOprint Mono 100 GR nolite 71				
Order no.	L (m)	W (cm)	Inches	Notes
6042854	50	160	63	while stock lasts

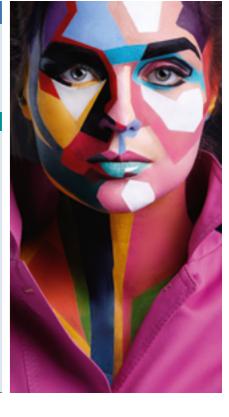
^{*} minimum order quantity

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED • UVgel
- (Eco) Solvent

CERTIFICATES

• EN 13501





solvoprint® easy fix 150 GSP

INK TECHNOLOGY

150 µm monomeric soft PVC, white, glossy, with high opacity providing see-through of chequered surfaces, for indoor and outdoor applications, semi-permanent, improved adhesive, easy to remove, suitable for latex inks, ideal for short-term advertising on shop windows, trade show walls, doors, and other smooth and non-porous surfaces

Inches

54

Notes

while stock lasts

 Latex

- UV-curable
- UV LED
- UVgel
- (Eco) Solvent



solvoprint® easy fix 180 MSP

W (cm)

137.2

W (cm)

W (cm)

137,2

137,2

Order no. L (m)

Order no. L (m)

Order no. L (m)

6042691

6035455

6036907

INK TECHNOLOGY

180 µm monomeric soft PVC, white, matt with high opacity prov see-through of chequered surfaces, for indoor and outdoor applications, M1 fire certification, semi-permanent improved adhesive, easy to remove, suitable for latex inks, ideal for short-term advertising on shop windows, trade show walls, doors, and other smooth and non-porous surfaces

Inches

54

viding	• Latex
ications	 UV-curable

 UVgel • (Eco) Solvent

• UV LED

CERTIFICATES

INK TECHNOLOGY

• M1



solvoprint® power-tack 100

50

100 µm monomeric soft PVC, white, matt, high-tack permai adhesive also allows application at low temperatures, especia for difficult surfaces like concrete, chipboard or plywood, for indoor and outdoor applications, EN 13501 fire certification rating B-s1,d0

54

nent	 Latex
	• UV-curable
ially suitable	• UV LED
r indoor and	OV LLD

 UVgel • (Eco) Solvent

• EN 13501

CERTIFICATES Inches



solvoprint® power-tack 180

50

180 µm white, matt, soft PVC, very high opacity to prevent shining

nrough of inhomogeneous surfaces, high-tack permanent adhesive
cicks on difficult surfaces like low-energy surfaces or on concrete,
lywood, rough surfaces, EN 13501 fire rating

rder no.	L (m)	W (cm)	Inches	
040885	30	137.2	54	

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

INK TECHNOLOGY

CERTIFICATES

• EN 13501



UV print'n'walk power-tack

200 µm monomeric soft PVC, white, structured, high-tack permane adhesive, especially suitable for difficult surfaces like concrete, chip or plywood, R9 certified (IFA) after being printed with UV-curable inks, no additional laminating film required, PE liner (flatness), for short-term indoor applications, EN 13501 fire rating B(fl)-s1

ent	• Latex
ipboard	• UV-curable
lo inke	• UV LED

Order no. L (m) W (cm) Inches 6042688 160 63

CERTIFICATES

UVgel

• EN 13501 • R9

Polymeric vinyls

Order no. L (m)

50

6008643

Polymeric films are more stable than monomeric vinyls and can be used for outdoor applications up to five years. Their PE liner offers the best lay flatness properties. Recommended lamination films are filmolux® performance gloss/matt.

solvoprint® performance clear 80

W (cm)

137.2

INK TECHNOLOGY

80 µm polymeric soft PVC, glossy, transparent, permanent adhesive, can also be used as a laminate, M1 fire certification

• Latex UV-curable

 UVgel • (Eco) Solvent

CERTIFICATES

• M1

solvoprint® performance wall-grip 4214

Notes

while stock lasts

100 µm polymeric soft PVC, white, matt, high-tack permanent adhesive also allows application at low temperatures, especially suitable for

Inches

54

rougher or critical surfaces, PE liner for best flatness properties, EN 13501 fire rating B-s1,d0

Order no.	L (m)	W (cm)	Inches
6040704	50	137,2	54
6040608	10	155	61
6040171	50	155	61

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

• EN 13501





PP-based self-adhesive media

These products use an environmental-friendly polypropylene film, so perfectly suitable for PVC-free requests.

NESCHEN PP wall-grip L-UV smooth

90 µm polypropylene film, white, matt, with a smooth surface, high-

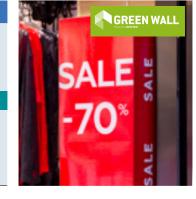
(this PP version can also be removed at low temperatures wit getting brittle), especially suitable for rougher or critical surfa PE liner for best flatness properties	eratur
DE liner for heet flatness properties	
re liner for best flattiess properties	

Order no.	L (m)	W (cm)	Inches
6044984	10	160	63
6042894	50	137,2	54
6042651	50	160	63

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- **CERTIFICATES**

• EN 13501



NESCHEN PP wall-grip L-UV sand

120 µm polypropylene film, white, with a sand texture, high-tack permanent adhesive also allows application at low temperatures (and can also be removed easily), especially suitable for rougher or critical surfaces, PE liner for best flatness properties, R9 certified (IFA) after being printed with UV-curable inks

Order no.	L (m)	W (cm)	Inches
6044985	10	160	63
6044672	50	160	63

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel

CERTIFICATES

• R9





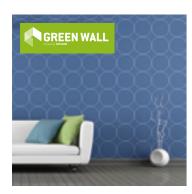
WALLPAPERS

When using digitally printable wallpapers, the creative possibilities for designing interior walls are endless. Individual interior design is eye-catching and can be the key to success in standing out from the crowd, for example, in stores or restaurants. Neschen offers various wallpapers that differ in their performance, appearance or printer compatibility.

QUICKFINDER		APP	LICAT	IONS		ŋ		INK	TECH	NOLO	OGY		CER	TIFIC	ATES
WALLPAPERS	Exterior / Outdoor	Standard walls	Self-adhesive	Flat surfaces	Difficult walls	PVC-free	Latex	λn	UV LED	UVgel	(Eco) Solvent	Water-based	EN 13501	M	ASTM E84
NESCHEN performance wallpaper smooth NESCHEN performance wallpaper classic		•				•	•	•	•	•	•		•		•
		•				•	•	•	•	•	•		•		•
NESCHEN wallpaper LITE smooth		•				•	•	•	•	•	•		•		•
NESCHEN wallpaper LITE sand		•				•	•	•	•	•	•		•		•
NESCHEN wallpaper L-UV sand		•				•	•	•	•	•			•	•	•

Performance wallpapers

High-quality, PVC-free, digitally printable non-woven wallpapers from Neschen's Green Wall range. These PVC-free non-woven wallpapers are suitable for (eco) solvent, latex and UV-curable inkjet printers. They are wash- and brush-resistant like PVC wallpapers when printed with UV-curable inks. The dimensionally stable non-woven substrate allows pasting the wall instead of pasting the paper, which makes installation faster and easier. When the wallpaper is peeled off the wall, the non-woven substrate does not split (it comes off in one piece). These wallpapers are an environmentally friendly solution for interior design and wall covering. All grades have passed fire safety certification C-s1,d0 according to EN 13501.



NESCHEN	perfor	mance w	allpaper	smooth 4211 FREE	INK TECHNOLOGY				
190 g/m² sn	190 g/m² smooth surface, EN 13501 fire protection class C-s1,d0								
Order no.	L (m)	W (cm)	Inches	Notes	• (Eco) Solvent				
6037581	50	106,7	42		CERTIFICATES				
6044710	50	127	50	48 rolls MOQ*	• EN 13501				
6044709	50	137,2	54	48 rolls MOQ*	• ASTM E84				
6045107	10	160	63						
6037469	50	160	63						



NESCHEN	perfor	mance wa	allpaper	classic 4216	FREE	INK TECHNOLOGY
225 g/m² te	• Latex • UV-curable • UV LED • UVgel					
Order no.	L (m)	W (cm)	Inches	Notes		• (Eco) Solvent
6040016	30	106,7	42			CERTIFICATES
6039704	50	137,2	54	24 rolls MOQ*		• EN 13501
6039552	10	160	63			• ASTM E84
6039449	30	160	63			

^{*} minimum order quantity

LITE wallpapers

The LITE wallpapers are cost-effective versions of the performance wallpapers, also printable with (eco) solvent-, latex- and UV-curable inks. All grades have passed fire safety certification C-s1,d0 according to EN 13501. They are part of the Green Wall range.

215 g/m ² with sand structure or 190 g/m ² with smooth surface									
Order no.	L (m)	W (cm)	Inches	Texture					
6042333	10	160	63	sand					
6041631	50	160	63	sand					
6042698	10	160	63	smooth					
6041630	50	160	63	smooth					

NESCHEN wallpaper LITE sand / smooth 3007/3006

INK TECHNOLOGY

- Latex UV-curable
- UV LED UVgel
- (Eco) Solvent

CERTIFICATES

- EN 13501
- ASTM E84



L-UV wallpapers

NESC

175 g/m

The most cost-effective solution for the wall! PVC-free, digitally printable wallpaper, suitable for UV-curable and latex inks, fire safety certification according to EN 13501.

HEN wallpaper L-UV sand	3005	PVC FREE	II
n ² with sand structure			•
			•

IN	K TE	CH	NO	LOC	3Y

- Latex UV-curable
- UV LED UVgel • (Eco) Solvent

Order no.	L (m)	W (cm)	Inches	Texture
6042697	10	160	63	sand
6041492	50	160	63	sand



- EN 13501 • ASTM E84
- ASTM E • M1







WALL-GRAPHICS

Wall graphics are self-adhesive films that can be used instead of wallpaper. If wall decorations need to be changed frequently, film-based media are much more manageable to remove. These media have a strong adhesive for difficult substrates, such as sand-filled plaster, dry untreated concrete, untreated chipboard & PP board. For more accessible, smooth surfaces such as exhibition walls, we recommend other media such as easy dot®.

QUICKFINDER	AP	PLICATI	ONS	Ŋ		INK T	ECHNO	LOGY		CERTIF	ICATES
WALLGRAPHICS	Exterior / Outdoor	Floor Graphics	Wall Application	PVC-free	Latex	ΛΛ	UV LED	UVgel	(Eco) Solvent	EN 13501	Slip Resistance
solvoprint® performance wall-grip	•		•		•	•	•	•	•	•	
NESCHEN PP wall-grip L-UV smooth	•		•	•	•	•	•	•		•	
NESCHEN PP wall-grip L-UV sand	•	•	•	•	•	•	•	•			R9
FILMOfloor Rug'n'Wall	•	•	•		•	•	•	•	•		R12



solvoprint® performance wall-grip

100 µm polymeric soft PVC, white, matt, the high-tack adhesive enables processing even at low temperatures, especially suitable for rough or critical substrates, PE liner for best flatness, B-s1,d0 according to EN

.550.				
Order no.	L (m)	W (cm)	Inches	
6040704	50	137,2	54	
6040608	10	155	61	
6040171	50	155	61	

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED • UVgel
- (Eco) Solvent

CERTIFICATES

• EN 13501

• UV-curable

CERTIFICATES • EN 13501

• UV LED

• UVgel



NESCHEN PP wall-grip L-UV smooth

3015



90 µm polypropylene film, white, matt, with a smooth surface, hightack permanent adhesive also allows application at low temperatures (this PP version can also be removed at low temperatures without getting brittle), especially suitable for rougher or critical surfaces, PE liner for best flatness properties

Order no.	L (m)	W (cm)	Inches
6044984	10	160	63
6042894	50	137,2	54
6042651	50	160	63

NESCHEN PP wall-grip L-UV sand



- Latex
- UV-curable • UV LED
- UVgel

CERTIFICATES

• R9



FILMOfloor Rug'n'Wall

10

50

Order no. L (m)

6044011 25

6044985

6044672

450 g/m² textile fabric with structured PVC coating, scratch-resistant top coating when using latex- and UV-curable inks, R12 slip resistance according to DIN 51130, especially recommended for floors, carpets and

54

 $120\;\mu m$ polypropylene film, white, with a sand texture, high-tack permanent

properties, R9 certified (IFA) after being printed with UV-curable inks

160

160

W (cm) Inches

adhesive also allows application at low temperatures (and can also be removed

easily), especially suitable for rougher or critical surfaces, PE liner for best flatness

63

63

rder no.	L (m)	W (cm)	Inches	

137,2

INK TECHNOLOGY

- Latex
- UV-curable • UV LED • UVgel
- (Eco) Solvent

CERTIFICATES

• R12







HIGH-TACK ADHESIVE MEDIA

High-tack adhesive media are needed for difficult surfaces like concrete, plywood, chipboard, special plastic containers, etc. Standard adhesive media would not stick enough so that they could fall off the wall eventually.

QUICKFINDER		APP	LICAT	IONS		Ŋ		INK	(TECH	INOLO	GY		CER	TIFICA	TES
HIGH-TACK	Exterior / Outdoor	Window	Floor Graphics	Wall Application	Flat surfaces	PVC-free	Latex	λn	UV LED	UVgel	(Eco) Solvent	Water-based	EN 13501	ASTM E84	Slip Resistance
solvoprint® performance wall-grip	•			•			•	•	•	•	•		•		
NESCHEN PP wall-grip L-UV smooth	•			•		•	•	•	•	•			•		
NESCHEN PP wall-grip L-UV sand	•		•	•		•	•	•	•	•					R9
solvoprint® power-tack 100	•						•	•	•	•	•		•		
solvoprint® power-tack 180	•						•	•	•	•	•		•		
UV print'n'walk power-tack			•				•	•	•	•			•		R9



solvoprint® performance wall-grip

6040608

10

100 µm polymer soft PVC, white, matt, the high-tack adhesive enables processing even at low temperatures, especially suitable for rough or critical substrates, PE liner for best flatness, EN 13501 fire protection

class B-s1,d0)			
Order no.	L (m)	W (cm)	Inches	
6040704	50	137,2	54	
6040171	50	155	61	

61

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

INK TECHNOLOGY

CERTIFICATES

• EN 13501

Latex

• UV LED

UVgel

• UV-curable

CERTIFICATES • EN 13501



NESCHEN PP wall-grip L-UV smooth

155

90 µm polypropylene film, white, matt, with a smooth surface, hightack permanent adhesive also allows application at low temperatures (this PP version can also be removed at low temperatures without getting brittle), especially suitable for rougher or critical surfaces, PE liner for best flatness properties

Order no.	L (m)	W (cm)	Inches
6044984	10	160	63
6042894	50	137,2	54
6042651	50	160	63

NESCHEN PP wall-grip L-UV sand

3018



- Latex
- UV-curable • UV LED
- UVgel

W (cm)	Inches		CERTIFICA
VV (CIII)	IIICIICS		

• R9



solvoprint® power-tack 100

Order no. L (m)

10

50

6044985

6044672

100 µm monomeric soft PVC, white, matt, high-tack permanent adhesive also allows application at low temperatures, especially suitable for difficult surfaces like concrete, chipboard or plywood, for indoor and outdoor applications, EN 13501 fire certification rating B-s1,d0

120 µm polypropylene film, white, with a sand texture, high-tack adhesive

especially suitable for rougher or critical surfaces, PE liner for best flatness

properties, R9 certified (IFA) after being printed with UV-curable inks

160

160

also allows application at low temperatures (and can also be removed easily),

63

63

Order no.	L (m)	W (cm)	Inches
6042691	50	137,2	54

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

• EN 13501



solvoprint® power-tack 180

180 µm white, matt, soft PVC, very high opacity to prevent shining through of inhomogeneous surfaces, high-tack adhesive, sticks on difficult surfaces like low-energy surfaces or on concrete, plywood, rough surfaces, EN 13501 fire rating C-s2,d0

Order no.	L (m)	W (cm)	Inches	
040885	30	137.2	54	

INK TECHNOLOGY

- Latex • UV-curable
- UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

• EN 13501



UV print'n'walk power-tack

200 µm monomeric soft PVC, white, structured, high-tack adhesive, especially suitable for difficult surfaces like concrete, chipboard or plywood, R9 certified (IFA) after being printed with UV-curable inks, no additional laminating film required, PE liner (flatness), for short-term indoor applications, EN 13501 fire rating B(fl)-s1

Order no.	L (m)	W (cm)	Inches
6042688	30	160	63

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED
- UVgel

CERTIFICATES

• EN 13501

• R9







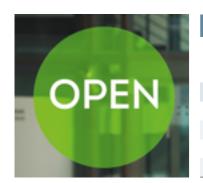
WINDOW-GRAPHICS

Shop windows are predestined for eye-catching advertisements. Mirrored printed clear films can be easily applied inside, which prevents vandalism and weather influences. The color impression can be increased with a white top layer. Milky or colored window media are mainly for glass decoration or to protect the privacy of private or meeting rooms.

QUICKFINDER		APP	LICATI	ONS		INK TECHNOLOGY CERTIFICATE				TES				
WINDOW-GRAPHICS	Exterior / Outdoor	Window	Floor Graphics	Wall Application	Flat surfaces	PVC-free	Latex	ΛΩ	UV LED	UVgel	(Eco) Solvent	B1	EN 13501	ISO 22196
solvoprint® window-grip® ultra clear		•			•	•	•	•	•		•			
solvoprint® window-grip® white		•			•	•	•	•	•		•			
solvoprint® easy dot® clear		•			•		•		•		•		•	
solvoprint® easy dot® transparent		•			•		•		•		•		•	•
UVprint PP easy dot® transparent		•			•	•		•	•	•			•	
easy dot® PET transparent L-UV		•			•	•	•	•	•	•			•	
solvoprint® glass deco dusted		•			•		•	•	•		•			•
solvoprint® glass deco silver / frosted		•			•		•	•	•		•	•		

window-grip®

These 100% polyester-based media offer an adhesive-free adhesion on very smooth surfaces. Windows and all other glass surfaces are the main application. These media are long-term residue-free, as they are not using a standard adhesive. The ultra clear version is the very clearest one on the market.



solvoprint® window-grip® ultra clear 7066

 $125\;\mu m$ PET film with inkjet coating, ultra-clear, special clear adhesive coating, for indoor applications

Order no.	L (m)	W (cm)	Inches
6034241	30	127,0	50
6035145	50	106,7	42
6035146	50	137,2	54
6041198	50	152,4	60



solvoprint® window-grip® white

068 FREE

 $125\;\mu m$ PET film with inkjet coating, white, special adhesive coating, for indoor applications

Order no.	L (m)	W (cm)	Inches
6035446	50	137,2	54

INK TECHNOLOGY

INK TECHNOLOGY

Latex

• UV LED • (Eco) Solvent

• UV-curable

LatexUV-curable

• UV LED

• (Eco) Solvent

easy dot®

Essentially, the clear versions are meant to be used on glass surfaces. Mirrored printed, they can be applied on the inside of the shop window, offering the exact perfect color impression from both sides. Covered with a white (ink) layer, that color impression of the outside can be further increased.

solvoprint® easy dot® clear

INK ILCII

100 µm monomeric soft PVC, clear, matt surface (frosted), for indoor applications, PE liner for best flatness, reverse print for indoor window display advertising

Order no.	L (m)	W (cm)	Inches	Notes
6034820	50	106,7	42	
6032517	50	137,2	54	
6042656	50	160	63	
6038313	75	137,2	54	15 rolls MOQ*
6044973	250	106,7	42	6 rolls MOQ*, 6 Inch core
6034734	250	137,2	54	6 rolls MOQ*, 6 Inch core
6043901	250	160	63	6 rolls MOQ*, 6 Inch core

applications, PE liner offering the best flatness properties, ideal for

W (cm)

106,7

137,2

106,7

137,2

137,2

106,7

137,2

160

glass surfaces, mirror inverted printing allows inside mounted window advertising, higher transparency than solvoprint® easy dot® clear

42

54

63

42

54

54

42

54

Inches Notes

15 rolls MOQ*

15 rolls MOQ*

16 rolls MOQ*, 3 inch core

6 rolls MOQ*, 6 inch core

6 rolls MOQ*, 6 inch core

INK TECHNOLOGY

- Latex
 UV LED
- (Eco) Solvent

CERTIFICATES

• EN 13501



solvoprint® easy dot® transparent

L (m)

50

50

50

75

75

125

250

250

INK TECHNOLOGY

100 μm monomeric soft PVC, transparent, glossy surface, for indoor

• UV LED
• (Eco) Solvent

CERTIFICATES

• EN 13501

• ISO 22196



Order no.

6038258

6036692

6042663

6045926

6046041

6046109

6040329

6041438

WINDOW-GRAPHIC COMPOUNDS WITH MOUNTING FILMS

You can transform nearly any photo or print into a self-adhesive sticker for shop windows with unique mounting films. Just do mirrored printing and apply the gudy® material onto the picture.

PRINT MEDIA + GUDY® WINDOW PRINT MEDIA + GUDY® 804 PRINT MEDIA + GUDY® DOT

^{*}minimum order quantity



UVprint PP easy dot® transparent

3483

60 µm polypropylene, transparent, smooth media surface, for short and medium term indoor applications, reverse print for indoor window display advertising, direct sunlight not recommended

INK TECHNOLOGY

- UV-curable • UV LED
- UVgel

Order no. L (m) W (cm) Inches 6042598 137,2 54 50 6042413 50 160 63

CERTIFICATES • EN 13501

PP matt backing



75 µm polypropylene, warm white background film for UVprint PP easy dot® transparent, for indoor applications in environmentally friendly combination, especially behind glass and as diffuser for backlit applications, more costeffective alternative to full-surface white printing

Order no.	L (m)	W (cm)	Inches
6044689	50	137,2	54
6044657	50	160	63



easy dot® PET transparent L-UV



75 µm polyester, transparent, glossy, with the highest transparency, for indoor applications, EN 13501 fire protection certification with very high B-s1,d0 classification, PE liner for best flatness

INK TECHNOLOGY
HAK LECHNOLOG

- Latex
- UV-curable
- UV LED

CERTIFICATES

• EN 13501

Order no.	L (m)	W (cm)	Inches
6045845	50	106,7	42
6044341	10	137,2	54
6044342	50	137,2	54
6044662	50	160	63

PP matt backing



75 µm polypropylene, warm white background film for easy dot® PET transparent L-UV, for indoor applications in environmentally friendly combination, especially behind glass and as diffuser for backlit applications, more cost-effective alternative to full-surface white printing

Order no.	L (m)	W (cm)	Inches	
6044689	50	137,2	54	
6044657	50	160	63	

solvoprint® glass deco films

The glass deco films feature different grades of etched glass looks. Plotted samples can be applied easily and bubble-free, as the adhesive

W (cm)

137,2

137,2

137.2



solvoprint® glass deco

Order no. L (m)

30

30

30

6038507

6039784

6039785



80 µm translucent, polymeric soft PVC in different optics and colors. Decoration- and labelling film on glass surfaces with an effect like etched-glass, easy to apply due to micro-channels in the adhesive, dry apply with reduced adhesive strength, minimizes risk of stress-whitening, suitable for cutting plotters and printable with (eco) solvent, latex- and **UV-curable** inks

Inches

54

54

54

Color

silver

frosted

dusted (ISO 22196)

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- (Eco) Solvent

CERTIFICATES

- **B1** (silver, frosted)
- ISO 22196 (dusted)



FLOOR GRAPHICS

Floor Graphics applications are the perfect eye-catcher for point-of-sale applications. Floors in supermarkets, exhibitions or other buildings offer plenty of space for advertising. Such media or product compounds need to be certified to prove their slip resistance. The R9 certification is typical for most floor graphics applications. The R10 certification is beneficial or often specified for special applications. Especially outdoor, the slip resistance should reach the R12 standard. Direct printable solutions like the print'n'walk portfolio save time as no additional protection film is needed. For better scratch resistance, more durability or a wider choice of applicable ink use, it might make sense to choose the more traditional solution and laminate a floor graphics protection film onto a self-adhesive printing medium. This offers a high variety of possible product combinations with different physical properties.

QUICKFINDER	APPLICATIONS			J INK TECHNOLOGY						CERTIFICATES				
FLOOR GRAPHICS	Exterior / Outdoor	Window Graphics	Floor Graphics	Wall Application	Flat Surfaces	PVC-free	Latex	ΛN	UV LED	UVgel	(Eco) Solvent	Water-based	EN 13501	Slip Resistance
UV dot print'n'walk®			•		•		•	•	•	•			•	R9
UV dot print'n'walk® transparent			•		•		•	•	•					R9
UV print'n'walk® power-tack			•				•	•	•	•			•	R9
solvoprint® dot print'n'walk R10 red/yellow			•		•		•	•	•	•	•			R10
NESCHEN PP wall-grip L-UV sand			•	•		•	•	•	•	•				R9
FILMOfloor Rug'n'Wall	•		•	•			•	•	•	•	•			R12

Direct printable, one media floor graphics solutions - indoor

All these media have a structured surface that complies with the R9, resp. R10 slip resistance certification even after print. No additional protection film is required. The PE-coated release liner (on the R9 versions) offers the best lay-flat properties during printing and postprocessing like plotting. Printed with UV-curable inks, it achieves the best durability, up to three months in a supermarket with high traffic. Due to the lower abrasion resistance, the life expectancy of latex printed films is (much) shorter. These media are meant for shortterm self-adhesive applications such as POS campaigns or trade fair booths.

3001

UV dot print'n'walk®



200 µm white, structured monomeric soft PVC, for indoor applications, fire classification according to EN 13501-1 incl. UV-curing inks, R9-certified (IFA) after printing with UV-curing and latex inks, no additional laminating foil required, dot-shaped adhesive, PE liner for best flatness, easy bubble-free application, removable without residues from most surfaces according to the processing instructions for floor graphics, for short-term self-adhesive applications such as POS promotions or trade show design

Order no.	L (m)	W (cm)	Inches	Notes	
6037895	30	106,7	42		
6037897	30	137,2	54		
6042660	30	160	63		
6040258	60	137,2	54	15 rolls MOQ*	
6042659	60	160	63	15 rolls MOO*	

INK TECHNOLOGY

- Latex • UV-curable
- UV LED
- UVgel

CERTIFICATES

• EN 13501





^{*} minimum order quantity



UV dot print'n'walk® transparent

200 µm transparent, textured monomeric soft PVC, for interior indoor applications, R9-certified (IFA) after printing with UV-curable inks, no additional film required, spot adhesive, PE liner for best flatness, easy bubble-free application, removable without residue from most surfaces for short-term applications

Inches

54

Notes

while stock lasts

W (cm)

137.2

• Latex

• UV-curable

INK TECHNOLOGY

- UV LED
- UVgel

CERTIFICATES

• R9



UV print'n'walk power-tack

L (m)

Order no. L (m)

6043975

Order no.

6042688

6044504

Order no.

6044985

6044672

200 µm monomeric soft PVC, white, structured, high-tack permanent adhesive, especially suitable for difficult surfaces like concrete, chipboard or plywood, R9 certified (IFA) after being printed with UV-curable inks, no additional laminating film required, PE liner (flatness), for short-term indoor applications, EN 13501 fire rating B(fl)-s1

Inches

63

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED
- UVgel

CERTIFICATES

- EN 13501
- R9



solvoprint® dot print'n'walk R10 red / yellow

W (cm)

160

150 µm, red resp. yellow pigmented, textured, monomeric soft PVC,

for indoor applications, KTO certified (IFA), no additional film required,
base color remains scratch resistant, spot adhesive, glassine liner, easy
application without bubbling, removable from most surfaces without
residue, for short-term applications such as POS promotions or trade show
design

Order no.	L (m)	W (cm)	Inches	Color	Notes
6044274	30	137,2	54	red	while stock
6044275	30	137,2	54	yellow	lasts

easy dot® tape R10 red / yellow								
Order no.	L (m)	W (cm)	Inches	Color	Notes			
6044503	30	5	2	red	while stock			

yellow

lasts

INK TECHNOLOGY

- Latex
- UV-curable
- UV LED
- UVgel
- (Eco) Solvent

CERTIFICATES

• R10



NESCHEN PP wall-grip L-UV sand

W (cm)

160

160

30

L (m)

10

50

120 µm polypropylene film, white, with a sand texture, high-tack permanent adhesive also allows application at low temperatures (and can also be easily), especially suitable for rougher or critical surfaces, PE liner for best flatness properties, R9 certified (IFA) after being printed with UV-curable inks

Inches

63

63

INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel

CERTIFICATES

• R9

Direct printable, one media floor graphics solutions – outdoor

450 g/m² textile fabric with structured PVC coating, scratch-resistant

W (cm)

137,2

top coating when using latex- and UV-curable inks, R12 slip resistance

according to DIN 51130, especially recommended for floors, carpets and

Inches

54

The following media has a very high slip resistance of R12, which makes it usable also for outdoor applications. The scratch resistance is also depending on the inks used, of course. UV inks offer the best performance.

FILMOfloor Rug'n'Wall

Order no.

6044011

INK TECHNOLOGY

- Latex
- UV-curable • UV LED • UVgel
- (Eco) Solvent



• R12



Floor graphics compounds

L (m)

25

For better scratch resistance, more durability, or a wider choice of applicable ink use, it might make sense to choose the more traditional solution and laminate a floor graphics protection film onto a self-adhesive printing medium. This offers a high variety of possible product combinations with different physical properties.

print media + filmolux® FGS print media + filmolux® easy clear sand print media + filmolux® scratch

R9 slip resistance R10 slip resistance





DISPLAY MEDIA

Portable display systems are nearly everywhere, as they are easy to built-up at point-of-sale. Big Pop-Up systems are often the colorful background of many exhibition booths. The more accessible Roll-Up systems are used at even more places, e.g., stationary in hotels or short-term at special events or demonstrations. The following media fulfill the demands for a perfect performance in display systems.

QUICKFINDER		APF	LICATI	ONS		Ŋ		IN	К ТЕСН	INOLO	GY	
DISPLAY MEDIA	Exterior / Outdoor	Roll-Up	L Banner	Pop-Up	Backlit	PVC-free	Latex	λn	UV LED	UVgel	(Eco) Solvent	Water-based
solvoprint® PP nolite 210	•	•	•			•	•		•		•	
solvoprint® PP nolite 210 whiteback	•	•	•			•	•		•		•	
solvoprint® PET nolite 175 premium	•	•	•			•	•	•	•	•	•	
printlux® PP nolite 210		•	•			•						•
solvoprint® nolite 370	•			•		•	•	•	•		•	
printlux® nolite 370				•		•						•
solvoprint® citylight superior	•				•	•	•	•	•		•	
printlux® citylight superior					•	•						•

Roll-Up

The following media are remarkable films for roll-up systems. When properly applied, they hang very flat, without sidecurl-effect. When using protection films (e.g. printlux® media for water-based inks), avoid tension during the lamination process as it can cause sidecurl.



solvoprint® PP nolite 210

210 µm polypropylene film, matt inkjet coating, environmentally friendly, good flatness, light blocking, silver backing, for roll-up and L-banner display systems, for indoor applications, PVC-free

Order no.	L (m)	W (cm)	Inches	
6031852	30	91,4	36	
6031853	30	106,7	42	
6031854	30	152,4	60	

7055 PVC

- Latex
- UV LED • (Eco) Solvent

INK TECHNOLOGY

solvoprint® PP nolite 210 whiteback



210 µm polypropylene film, matt inkjet coating, environmentally friendly, good flatness, light blocking, white backing, for roll-up and L-banner display systems, for indoor applications, PVC-free

Order no.	L (m)	W (cm)	Inches
6046520	50	91,4	36
6046521	50	106,7	42
6046522	50	137 2	54

INK TECHNOLOGY

- Latex
- UV LED • (Eco) Solvent

solvoprint® PET nolite 175 premium

curling, also short-term outdoor applications

W (cm)

91,4

106,7

152,4



INK TECHNOLOGY

- Latex
- UV-curable • UV LED
- UVgel
- (Eco) Solvent



printlux® PP nolite 210

30

30

30

Order no. L (m)

6041395

6043593

6041397



210 µm polypropylene film, matt inkjet coating, environmentally friendly, good flatness, light blocking, silver backing, for roll-up and L-banner display systems, for indoor applications, PVC-free

175 µm premium polyester film, satin finish with silver backing, scratch-

Inches

36

42

60

resistant surface coating with special structure, fast drying, good anti-

Order no.	L (m)	W (cm)	Inches
6031848	30	91,4	36
6031849	30	106,7	42

• Water-based



Pop-Up

Panels for pop-up display systems should have two main properties: high rigidity for stable installation and the highest possible opacity or optimum opacity. Additional lamination is recommended to increase stability and protect against mechanical damage. Recommended protection films are filmolux® scratch and filmolux® PP sand.

		1.4	270
SOLVO	nrinto no	all Ta	3/11
30140	print® no	JII CC	3/0

opaque, very good flatness

opaque, very good flatness

30

Order no. L (m)



- Latex
- UV-curable • UV LED
- Order no. L (m) W (cm) Inches Notes 6034287 30 91,4 36

365 µm polyester composite, white, matt inkjet coating, completely

• (Eco) Solvent



Inches

36

365 µm polyester composite, white, matt inkjet coating, completely

W (cm)

91.4

INK TECHNOLOGY

Water-based



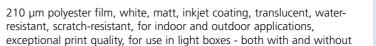
Backlit

6033407

backlighting

Today's backlit applications can be used with and without backlighting (day and night use). As they are based on polyester, they have the necessary rigidity, even for larger light boxes.

solvoprint[®] citylight superior



 UV-curable • UV LED • (Eco) Solvent

Latex

INK TECHNOLOGY



Order no. W (cm) Inches L (m) 6033360 30 106,7 42 6035301 30 127 50 6031867 30 137,2 54 6031869 30 152,4 60



printlux[®] citylight superior

- 215 µm polyester, white, matt inkjet coating, translucent, waterproof, scratch-resistant, for indoor and outdoor applications, suitable for latex inks, backlit front print film for citylight applications and light boxes

Order no.	L (m)	W (cm)	Inches	
6031036	30	91,4	36	
6031037	30	127,0	50	
6031038	30	152,4	60	

INK TECHNOLOGY

- Latex
- Water-based



PROTECTION FILMS - filmolux®

Our range of protection films includes a large number of protective and enhancement films. These include everything from protection films for classic photos and inkjet prints right through to specialist films for floor graphics, display panels, and functional films.

QUICKFINDER		APPLICATIONS	ŋ	CERTIFICATES					
filmolux®		Exterior / Outdoor	PVC-free	M1	B1	Slip-resistance	EN 14904	ISO 22196	
	filmolux® photo gloss	•							
	filmolux® photo matt	•							
	filmolux® photo satin	•							
SMOOTH	filmolux® easy gloss	•							
	filmolux® easy matt	•							
	filmolux® performance matt	•							
	filmolux® PP gloss	•	•					•	
	filmolux® scratch	•	•	•		R10			
TEXTURED	filmolux® easy clear sand	•		•	•	R9			
	filmolux® FGS	•				R9	•		
CDECIAL	filmolux® 2004		•						
SPECIAL	filmolux® S 23	•	•						

Smooth surface protection films - filmolux®

filmolux® photo gloss

 $70\;\mu m$ monomeric soft PVC, glossy, smooth, transparent, high UV protection, permanent water-based adhesive, strong adhesion and thus suitable for many media printed with UV-curable inks, homogeneous surface, for indoor and outdoor applications, two-year Neschen certificate quality

Order no.	L (m)	W (cm)	Inches	Notes
6042034	50	65	25,6	while stock lasts
6033584	50	104	41	while stock lasts
6033585	50	130	51,2	while stock lasts
6033586	50	140	55	while stock lasts
6042705	50	160	63	while stock lasts



filmolux® photo matt

70 µm monomeric soft PVC, matt, smooth, transparent, high UV protection, permanent water-based adhesive, strong adhesion and therefore suitable for many media printed with UV-curable inks, homogeneous surface, for indoor and outdoor applications, two-year Neschen certificate quality

Order no.	L (m)	W (cm)	Inches
6042036	50	65	25,6
6033599	50	104	41
6033600	50	130	51,2
6033601	50	140	55



filmolux® photo satin

75 µm monomeric soft PVC, silk-matt, smooth, transparent, high UV protection, permanent water-based adhesive, strong adhesion and thus suitable for many media printed with UV-curable inks, homogeneous surface, for indoor and outdoor applications, two-year Neschen certificate quality

Order no.	L (m)	W (cm)	Inches
6042037	50	65	25,6
6033576	50	104	41
6033577	50	130	51,2
6033578	50	140	55
6042806	50	160	63





filmolux® easy gloss

70 µm monomeric soft PVC, glossy, smooth, transparent, UV protection, permanent water-based adhesive, strong adhesion and therefore suitable for many media printed with UV inks, homogeneous surface, for indoor and short-term outdoor applications

Order no.	L (m)	W (cm)	Inches	
6015841	50	104	41	
6015842	50	130	51,2	
6034884	50	137	54	
6015843	50	140	55	
6042809	50	160	63	



filmolux® easy matt

70 µm monomeric soft PVC, matt, smooth, transparent, UV protection, permanent adhesive, strong adhesion and thus suitable for many media printed with UV inks, homogeneous surface, for indoor and short-term outdoor applications

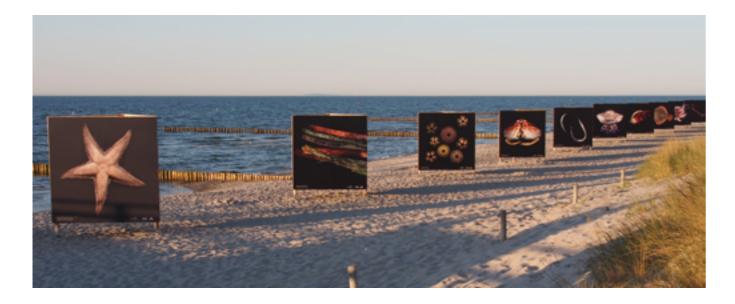
Order no.	L (m)	W (cm)	Inches
6015845	50	104	41
6015846	50	130	51,2
6034885	50	137	54
6015847	50	140	55
6042813	50	160	63



filmolux® performance matt

80 μm polymer soft PVC, matt, smooth, transparent, UV protection, permanent adhesive, strong adhesion and therefore suitable for many media printed with UV inks, homogeneous surface, for indoor and outdoor applications

Order no.	L (m)	W (cm)	Inches	Notes
6026026	50	137,2	54	while stock lasts



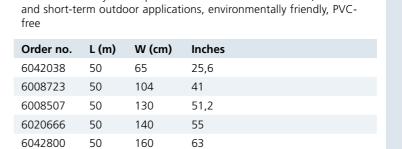
filmolux® PP gloss

3480 ANTI





• ISO 22196



80 µm polypropylene, glossy, smooth, transparent, UV protection,

permanent water-based adhesive, strong adhesion and therefore

suitable for many media printed with UV-curable materials, for indoor



Textured surface protection films – filmolux®

filmolux® scratch



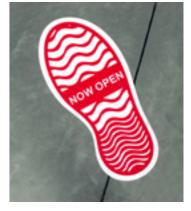
130 µm PET, matt, sand structure, transparent, scratch-resistant, UV protection, permanent water-based adhesive, strong adhesion and therefore suitable for many media that are printed with UV-curable inks for indoor and outdoor applications, M1 fire certification, ideal for panel production, dimensionally stable, R10 (IFA)-certified protective film for floor graphics applications

Order no.	L (m)	W (cm)	Inches	
6006026	50	88	35	
6009878	50	91,4	36	
6008487	50	104	41	

CERTIFICATES

• M1





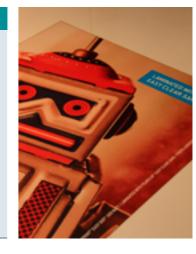
filmolux® easy clear sand

80 µm monomeric soft PVC, matt, fine sand structure, transparent, UV protection, permanent adhesive, strong adhesion and therefore suitable for many media printed with UV inks, homogeneous surface, for indoor and outdoor applications

Order no.	L (m)	W (cm)	Inches	Notes
6044286	50	91,4	36	24 rolls MOQ*
6044284	50	104	41	
6044288	50	130	51,2	24 rolls MOQ*
6044171	50	136	53,5	24 rolls MOQ*
6044310	50	137	55	
6044292	50	160	63	

CERTIFICATES

• B1 • R9

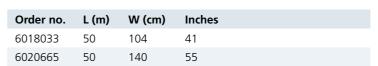


filmolux® FGS

• EN 14904

CERTIFICATES

• R9



185 µm polymer soft PVC, semi gloss, textured, transparent, UV

protection, permanent adhesive, strong adhesion and therefore suitable for many media printed with UV inks, homogeneous surface,



for indoor and outdoor applications

^{*} minimum order quantity

Special films – filmolux®



filmolux® 2004



25 µm polypropylene, glossy, smooth, transparent, permanent water-based adhesive, you can write with a special marker on it and wipe it dry off, highly adhesive and therefore suitable for many media that can be printed on with UV inks, homogeneous surface, for indoor applications

Order no.	L (m)	W (cm)	Inches
26119	50	124	48,8



filmolux® S 23





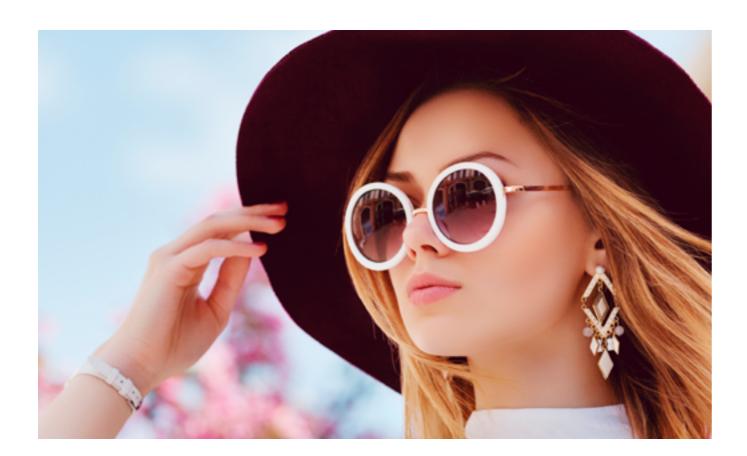
23 µm PET, high-gloss, smooth, highly transparent, UV protection, permanent water-based adhesive, strong adhesion and therefore suitable for many media printed with UV inks, homogeneous surface, for indoor and outdoor applications

Order no.	L (m)	W (cm)	Inches
31098	50	124	48,8

Accessories



Plastic hanger 7							
Self-adhesive							
Order no.	Units	Ø (cm)	Notes				
26673	100	2,5	supports up to 300 g				
26674	50	4,0	supports up to 300 g				





DOUBLE-SIDED ADHESIVE FILMS – gudy®

For decades the brand name gudy® stands for high-end quality and safety in the area of sophisticated mounting films all over the world.

QUICKFIND	ICKFINDER			APPLICATIONS				BACKING ADHESIVE			VE	ŋ	CERTIFICATES	
gudy®		Smooth boards	Structured boards	Behind tempered acrylic plates	Textiles / Banner materials	Fine Art Papers	Exterior/Outdoor	One backing	Two backings	Permanent / permanent	Permanent / semi-permanent	Semi-permanent / semi-permanent	PVC-free	P.A.T.
	gudy® 802	•					•	•		•			•	•
	gudy® 802 twin	•					•		•	•			•	
	gudy® 803 power tack	•	•		•		•	•		•			•	
	gudy® 808 PP opaque	•					•	•		•			•	
PERMANENT	gudy® PP clear	•					•		•	•			•	•
	gudy® 831 Fine Art smooth	•				•		•		•			•	•
	gudy® 832 Fine Art textured	•	•			•		•		•			•	•
	gudy® 806 hybrid	•			•			•			•			
	gudy® 870	•					•	•		•			•	•
	gudy® dot	•						•				•	•	•
NON- PERMANENT	gudy® window	•		•					•		•		•	
FLIMIANLINI	gudy® 804	•		•					•		•			
	gudy® DS 10	•						•				•		•
TAPES	gudy® DS 11	•						•			•			•
	gudy® DS 12	•						•		•				•

Double-sided adhesive films · permanent – gudy®



gudy® 802

 $23~\mu m$ PET, transparent, pH-neutral water-based adhesive, permanent adhesive on both sides, for indoor and outdoor applications, medium tack, one release liner, dimensionally stable, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Core
25082	10	40	15,7	40 mm
25547	10	61	24	40 mm
25551	50	61	24	
6042056	50	65	25,6	
6008489	50	104	41	
25553	50	122	48	
6008490	50	130	51,2	
39488	50	140	55	
6042826	50	160	63	
6008492	100	104	41	
25603	100	122	48	
6008732	100	130	51,2	

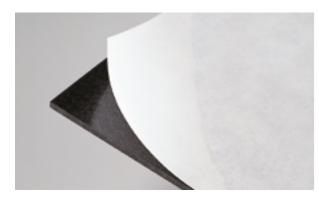


gudy® 802 twin

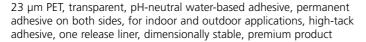


23 µm PET, transparent, pH-neutral water-based adhesive, permanent adhesive on both sides, for indoor and outdoor applications, medium tack, two release liners, dimensionally stable, premium product

Order no.	L (m)	W (cm)	Inches	
6034788	50	104	41	
6034789	50	130	51,2	
6034790	50	140	55	
6042824	50	160	63	



gudy® 803 power tack



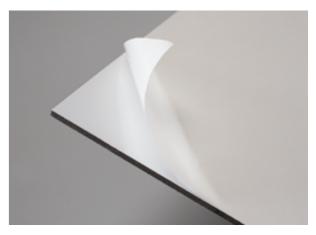
Order no.	L (m)	W (cm)	Inches
6042419	50	104	41
6042422	50	130	51,2
6042932	50	160	63

gudy® 808 PP opaque



75 µm polypropylene, white and opaque, both sides pH-neutral permanent water-based adhesive, for indoor and outdoor applications, medium tack, one release liner, dimensionally stable, premium product

Order no.	L (m)	W (cm)	Inches
6043854	50	104	41
6044546	50	122	48
6043855	50	130	51,2
6043856	50	140	55
6043857	50	160	63



gudy® PP clear



25 µm PP film, transparent, pH-neutral water-based adhesive, permanent adhesive on both sides, for indoor and outdoor applications, medium tack, one release liner, universal mounting film, P.A.T. passed

Order no.	L (m)	W (cm)	Inches
6015837	50	104	41
6015838	50	130	51,2
6015839	50	140	55
6042798	50	160	63
6020184	100	130	51,2



gudy® 831 Fine Art smooth



44 µm long-fiber paper, pH-neutral water-based adhesive, acid-free, permanent adhesive on both sides, for indoor applications, high adhesive strength, one release liner, suitable for rough surfaces and light smooth fine art papers, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Core	Unit
26371	10	20	7,9	76 mm	
26374	10	40	15,7	76 mm	
26386	10	61	24	76 mm	
26387	10	83	33	76 mm	
6008499	10	104	41	76 mm	
26383	30	0.9	0,4	40 mm	20 rolls
26384	30	1.9	0,7	40 mm	10 rolls
26385	30	3.8	1,5	40 mm	5 rolls
26395	50	61	24		
6042059	50	65	25,6		
6008500	50	104	41		
26397	50	122	48		
6008501	50	130	51,2		
6044649	50	152,4	60		
6044650	50	160	63		





gudy® **832 Fine Art textured** 5301

44 μm long fiber paper, pH neutral water-based adhesive, acid-free, double-sided permanent adhesive, for indoor applications, high adhesive strength, one release liner, for heavy textured and fine art papers, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Notes
6038864	30.5	61.0	24	*
6038865	30.5	91,4	36	*
6038866	30.5	111,8	44	*
6038867	30.5	127	50	*
6042060	50	65	25,6	
6044651	50	112	44	
6044652	50	130	51,2	
6044653	50	152,4	60	
6043581	50	160	63	



gudy® 806 hybrid

5010

70 μm monomeric soft PVC, transparent, pH-neutral water-based adhesive, for indoor applications, one side with high-tack adhesive, other side with easy-dot® technology, one release liner

Order no.	L (m)	W (cm)	Inches
6044585	50	106,7	42
6043141	50	130	51,2



gudy® 870

500



Carrier-free, thin adhesive film, transparent, pH-neutral adhesive water-based, permanent adhesive, for indoor and outdoor applications, one release liner, P.A.T. passed, for flexible and rollable substrates and irregularly shaped print media

Order no.	L (m)	W (cm)	Inches	Core	Notes
26464	10	31	12	40 mm	*
26471	10	62	24	40 mm	*
26460	50	51,5	20,3		*
6008502	50	104	41		*
26984	50	124	48,8		*
36685	100	105	41,3		24 rolls MOQ**

^{*} rolls cannot be cut short

Double-sided adhesive films · reversible – gudy®

gudy® dot

3505





Carrier-free easy-dot® technology, transparent, pH-neutral, water-based permanent adhesive, for indoor applications, one release liner, very easy to handle, for bubble-free assembly, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Unit	Notes
6035157	50	2,5	0,98	10 rolls	*
6035158	50	104	41		*
6035159	50	130	51,2		*
6035160	50	140	55		*
6042833	50	160	63		*



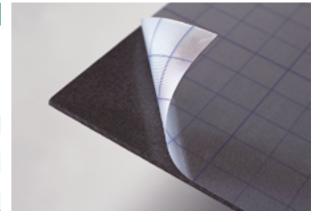
gudy® window

90



23 µm polyester, transparent, pH-neutral water-based adhesive, permanent/reversible, for indoor applications, two release liners, correctable and removable without residues, easy to apply even by hand, universal mounting film, suitable for window applications

Order no.	L (m)	W (cm)	Inches
6025395	50	104	41
6000712	50	122	48
6026855	50	130	51,2
6046404	50	160	63

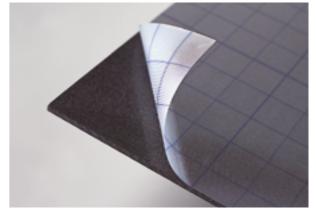


gudy® 804

5410

70 µm monomeric soft PVC, transparent, pH-neutral water-based adhesive, permanent/reversible adhesive, for indoor applications, two release liners, can be corrected and removed without leaving residues, easy handling also manually, universal mounting film, suitable for window applications

Order no.	L (m)	W (cm)	Inches
25911	50	61	24
6008493	50	104	41
25923	50	122	48
6025260	50	130	51



^{**} minimum order quantity

^{*} rolls cannot be cut short

Double-sided adhesive films · Tapes – gudy®



70 µm soft PVC, transparent, pH-neutral water-based adhesive, reduced initial adhesion on both sides, removable from smooth surfaces up to 24 hours without leaving residues, for indoor applications, one release liner, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Core
6013657	33	1,2	3	76 mm
6013658	33	1,9	4,8	76 mm
6013659	33	2,5	6,4	76 mm







70 µm soft PVC, transparent, pH-neutral water-based adhesive, reduced initial adhesion on the covered side, permanent adhesion on the other side, for indoor applications, one release liner, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Core
6013660	33	1,2	3	76 mm
6013661	33	1,9	4,8	76 mm
6013707	33	2,5	6,4	76 mm

gudy® DS 12





70 µm soft PVC, transparent, pH-neutral water-based adhesive, permanent adhesion on both sides, for indoor applications, one release liner, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	Core
6013655	33	1,2	3	76 mm
6013705	33	1,9	4,8	76 mm
6013706	33	2.5	6.4	76 mm

gudy® Roller.dot





Universal dot adhesive for many purposes, allows fast, clean and precise bonding, for use on paper, cardboard, photos, glass, plastic and many other materials, P.A.T. passed

Order no.	L (m)	W (cm)	Inches	MOQ*
6041392	10	0,84	0,31	single piece
6041391	10	0,84	0,31	12 display boxes à 12 blister
6043673	10	0,84	0,31	refill 12 x 2 pcs.

^{*} minimum order quantity





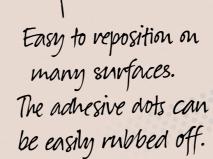


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General Terms and Conditions of Neschen Coating GmbH Hans-Neschen-Straße 1, 31675 Bückeburg

§ 1 General - Scope of application

- (1) Our terms and conditions of business apply exclusively; customer terms to the contrary to or deviating from our Terms and Conditions shall not be valid unless expressly confirmed by us in writing. Our General Terms and Conditions shall also apply in cases when we deliver the goods or services unconditionally in knowledge of conditions of the customer, standing contrary to or deviating from our condi-
- (2) All agreements that are concluded between us and the customer for the purposes of executing this contract are set down in writing in this contract.
- (3) Our Terms and Conditions shall apply only to companies in the sense of § 14 of the German Civil Code (BGB).
- (4) Our Terms and Conditions and contracts shall also apply to all future business with the customer.

§ 2 Offer - Offer Documents

- (1) If the customer's order is qualified as an offer in accordance with §145 BGB (German Civil Code), we shall be entitled to accept this offer within a period of two weeks
- (2) We reserve the proprietary rights and copyrights to all illustrations, drawings, calculations and other documents. This shall also apply to written documentation which is classified as 'confidential'. The customer requires our express agreement in writing before passing them on to a third party.
- (3) Details regarding the delivery item or performance (e.g. weight, dimensions, practical value, tolerances, quality, technical data) as well as our representations thereof (e.g. drawings and illustrations) are only approximately applicable, unless (7) In the event of disturbing incidents of temporary nature – also during a delay in its applicability for the purpose contractually envisaged requires precise conformity. Unless explicitly agreed otherwise in individual cases, this information does not represent an assurance, guarantee of characteristics, condition, durability or any other guarantee but only serves to describe or label the delivery or service.
- (4) Differences which are customary in the trade, which are the result of legal provisions or which represent technical improvements well as the replacement of components by equivalent parts or materials are permitted – without consulting the customer - as long as they do not impair the usability of the contractually intended purpose.
- (5) The above shall apply accordingly to the details in our catalogues, brochures and advertisements about dimensions, weights, quality, durability, performance values as well as shipping weights and similar specifications as far as they are quality specification in individual cases; details contained in the order confirmation shall prevail

§ 3 Prices - Terms of Payment

- (1) Unless the order confirmation states otherwise, our prices are ex works, exclusive of packaging which shall be charged separately.
- (2) Statutory value added tax shall not be included in the prices; it shall be separately shown on the invoice at the statutory rate on the invoice date.
- (3) Deduction of discount requires a separate written agreement.
- (4) Unless otherwise specified in the order confirmation, the net purchase price shall be due for payment without deduction within 30 days of the invoice date. The legal provisions regarding consequences of delayed payment shall annly.
- (5) The customer shall only be entitled to offsetting rights or rights of retention if his company. In addition, he shall be authorised to exercise a right of retention only to the extent that his counter-claim is based on the same contractual relationship.

§ 4 Delivery time

- (1) Deadlines and dates for deliveries and services apply only approximately unless a fixed deadline or a fixed delivery date is expressly agreed. Where a period of delivery is stipulated, it shall start with the date of the contract confirmation but not before the receipt of all the required documents from the buyer (e.g. specifications, drawings, authorisations, samples, models) and possible releases to be explained by the buyer and clarification of all technical matters.
- (2) The fulfilment of our delivery conditions is subject to the prompt and orderly fulfilment of the obligations on the ordering party. The right to raise objection to non-fulfilment of the agreement is reserved

- (3) If the customer delays acceptance or otherwise culpably breaches duties of cooperation, we will be entitled to demand the loss we incur to this extent, including any additional expenses, be refunded. Additional claims and rights shall be reserved.
- (4) Insofar as the preconditions of subsection (3) exist, the risk of an accidental loss or the accidental deterioration of the deliveries and services to be provided by us shall pass to the customer at the moment that he is in default of acceptance or payment.
- Should we be late with delivery, the customer shall basically be obliged to set us a reasonable additional period of time for performance after the regular period has been exceeded. If the additional time granted is not complied with, the customer shall be entitled to withdraw from the contract. In consequence of a delay in delivery caused by us, the customer is entitled to enforce the claim that his interest in the further fulfilment of the agreement no longer exists. The customer can withdraw from the contract by immediate written declaration without setting an extension of time. In the event of a partial default the customer may only withdraw from the complete contract if he has a justified interest in refusing the partial delivery. Otherwise, the customer shall have the right to reduce the price accordingly.
- (6) In cases of force majeure and any other disturbing incidents (e.g. every kind of operational disturbances, deferral in transport, strikes, lawful lockouts, governmenta actions, difficulties in material or energy procurement, adverse weather conditions as well as non-supply, wrong supply or not in time by our distributors), which were not predictable at the time of conclusion of the contract and are not our fault but hamper the shipment or performance basically or eliminate it, qualify the seller to withdrawal if the challenge is permanent and we have not assumed a procurement risk. In the event of withdrawal from the contract, services already rendered shall be reimbursed without delay. § 275 Para. 2 German Civil Code shall remain unaffected.
- delivery the delivery period shall be delayed or extended by the period of the disturbance plus a reasonable restart period.
- We shall inform the customer immediately about the occurrence of a disturbing incident. The customer may request a declaration from us as to whether we intend to withdraw or to deliver within an appropriate period.
- (9) According to the cases in para. (6), if as a result of the delay of more than one month the client cannot reasonably be expected to accept the delivery, he may cancel the contract by immediate declaration to us.
- (10) We shall be liable according to the legal regulations as far as the applied contract is a firm deal according to §286 subsection 2 no. 4 of the German Civil Code or according to § 376 of the German Commercial Code.
- (11) Furthermore, we shall be liable in accordance with legal provisions for damage claims should the failure to deliver be founded on a wilful or grossly negligent breach of contract for which we are responsible; negligence on the part of our representatives or vicarious agents is to be attributed to us. Should the delivery delay be founded on an intentional or grossly negligent contractual violation on our part, our liability is limited to the foreseeable and usually occurring damages.
- (12) We shall also be liable in accordance with the legal provisions for damage claims if and where such delay in delivery for which we are to blame results from culpable violation of any contractual obligation; in this case our liability is limited to the foreseeable and usually occurring damages
- (13) Claims for damages are excluded in the cases referred to in para. (6).

§ 5 Transfer of Risk - Cost of Packaging

- counter-claims have been stated legally binding, undisputed or recognized by our (1) Unless arising otherwise from the order confirmation, delivery 'ex works' has been
 - (2) The return of packaging materials is subject to separate agreements.
 - (3) Insofar as the customer requires, we will cover the shipment with a transport insurance: the costs incurred to this extent will be borne by the customer
 - (4) We are entitled, to a reasonable extent, to make partial and early deliveries.

§ 6 Liability for defects

- (1) Customer claims arising from defects assume that the customer has, in accordance with § 377 of the German Commercial Code, duly satisfied his duty to examine the
- Insofar as the purchased item is defective, we at our discretion shall be entitled to make subsequent performance in the form of remedying the defect or delivering a new defect-free item. If removal of defects or replacement delivery takes place, we

- performance, especially transportation, shipping, labour, and material costs, insofar as these do not increase because the purchased object is brought to a different location than the place of fulfilment.
- (3) If the subsequent performance is unsuccessful, the customer shall be entitled to demand rescission or a price reduction at his option
- (4) We are liable within the legal provisions, as far as the customer asserts a claim on compensation which is based on intention or gross negligence of us or intention or gross negligence of our representatives or vicarious agents. As far as we are not accused of willful breach of contract, our liability for claims for damages is limited to the foreseeable, typically occurring damage.
- (5) We shall be liable according to the statutory provisions if we culpably breach a material contractual obligation; also in this case, the liability is limited to foreseeable losses that typically occur. Para. (7) shall remain unaffected.
- (6) Insofar as the customer holds a claim to compensation for the loss or damage in lieu of performance due to a grossly negligent breach of duty, our the liability is limited to foreseeable losses that typically occur. Para. (7) shall remain unaffected.
- (7) In so far as we are liable in principle, this liability shall be excluded even if this is a case of infringement of obligations essential to the contract
 - (i) If, in the branch of industry in which the customer is active, the risk that is the cause of the damage that has occurred is usually insured by the customer or if it is customary in the branch for comprehensive insurance to be taken out for the damaged goods;
 - (ii) For claims for compensation collateral to or instead of the service provided insofar as compensation for indirect or consequential damage is demanded;
 - (iii) For damage that are under the customer's control.
 - These exclusions may not apply in the case of liability due to gross negligence of our executive bodies, legal representatives or management personnel or if the damage is covered by our product liability insurance or insurance liability.
- (8) Liability for culpable injury to life, limb or health remains unaffected; this also applies to mandatory liability in accordance with the product liability law
- (9) Unless otherwise regulated in the foregoing, any other legal liability shall be
- (10) The period of limitation for claims is 12 month, beginning with the transfer of risk. This shall not apply if the purchased object is normally used for a building and has
- (11) The statute of limitations in the event of a delivery recourse according to §§ 478, 479 German Civil Code shall remain unaffected; it is five years, beginning from delivery of the faulty object.

- (1) Any additional liability for damages other than as stated in § 6, regardless of the § 9 Place of Jurisdiction Place of Performance legal nature of the claims made, is excluded. This applies in particular for claims for damages arising from breaches of duty in the conclusion of the contract, on account of other breaches of duty or for material damage on account of tortious claims in accordance with § 823 German Civil Code.
- (2) The limitation according to para. (1) shall also apply in cases where the customer requests compensation for useless expenses instead of claim for damages.
- (3) As far as the liability for compensation against us is excluded or restricted, this shall be valid as well with respect to the personal liability for compensations of our employees, staff members, representatives and vicarious agents.

§ 8 Securing Reservation of Property Rights

- (1) We reserve the right of ownership of the purchased object until all payments due from business transactions with the customer have been received. If the customer acts contrary to contract, in particular if he is in default of payment, we are authorised to take back the sold goods. By taking back the sold goods we withdraw from the contract. After retrieval of the purchased object, we shall be entitled to its utilisation, the revenue from such utilisation must be set off against the customer's liabilities - minus any reasonable costs of utilisation
- (2) The customer undertakes to treat the purchased object with care; in particular, he undertakes to insure the object against fire and water damage and theft at his own expense, with the insured sum being adequate to cover the replacement value. Should maintenance and inspection work be necessary, the customer must perform such work in good time and at his own expense.

- are obligated to assume all necessary expenses for the purpose of supplementary (3) In the event of seizure or other third party interventions, the customer shall be obliged to inform us immediately in writing so that we can take legal action in accordance with § 771 German Civil Court. To the extent to which the third party shall not be able to reimburse judicial and extra-judicial costs of an action according to § 771 German Civil Court, the customer shall be liable for our loss.
 - (4) The customer shall be entitled to resell the purchased goods in the ordinary course of business; however, the customer assigns to us, already now, all demands in the amount of the final commercial invoice (including value-added tax) of our demand that accrue to the customer by reason of the resale to its customer or third party, irrespective of whether the purchased goods are sold with or without processing. The customer shall retain the right of recovery of the debt even after he has assigned the claim to us. Our authority to collect the receivables ourselves shall remain unaffected by this. However, we undertake not to collect the claim as long as the customer fulfils his payment obligations from the proceeds collected, is not in arrears and, in particular, no application for initiation of insolvency proceedings has been filed against the customer or there is no stoppage of payments. However, if this is the case we can request that the customer informs us of the assigned claims and their debtors, provides all information which is necessary for the collection, hands over the relevant documents and informs the debtors (third parties) of the assignment.
 - (5) The processing or modification of the purchased object by the customer will always be carried out on our behalf. If the object of sale is indivisibly mixed with other objects not belonging to us, we shall acquire part ownership of the new object in the same ratio as the value of the object of sale (final total of invoice including value added tax) stands to the value of the other objects used at the time they were mixed. The same shall apply for the object resulting through processing as for the obiect delivered under reserve.
 - If the object of sale is indivisibly mixed with other objects not belonging to us, we shall acquire part ownership of the new object in the same ratio as the value of the object of sale (final total of invoice including value added tax) stands to the value of the other objects used at the time they were mixed. If the goods are mixed in such a manner that the customer's object is regarded as the main object, it shall be agreed that the customer shall transfer proportionate co-ownership to us. The customer shall hold the sole ownership or co-ownership on our behalf.
 - To secure our claims against him, the customer shall also assign all claims against a third party that accrue to him through the connection of the object of sale to property.
 - At the request of the customer, we undertake to release the securities to which we are entitled insofar as the realisable value of our securities exceeds the claims to be secured by more than 10%; we shall be responsible for selecting which securities

- (1) If the customer is a merchant in the sense of in the German Commercial Code, a legal entity under public law or a special public-law fund, then our registered office is the exclusive – also international – place of jurisdiction for all disputes arising from this contractual relationship. However, we are also entitled to initiate legal proceedings against the customer at his competent court of justice.
- (2) The laws of the Federal Republic of Germany shall apply under exclusion of UN Purchase Law.
- (3) Unless arising otherwise from the order confirmation, our registered office shall be the place of performance

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