SIEMENS

Data sheet

protective film 12", BAC front type 5, adhesive over the entire surface, antibacterial, no reflection, matte, scope of supply: 5 protective films antibacterial, including mounting accessories



Protective film 12" front, surface, type 5	General information		
Mounting in portrait format possible Mounting in landscape format possible Yes Standards, approvals, cartificates CE mark No; No CE marking obligation EAC (formerly Gost-R) Yes RoHS conformity Yes; unnecessary Ambient conditions Suited for indoor use Suited for indoor use No; possible under certain conditions Ambient temperature during operation Imm. Imm	Product type designation	Protective film 12" front, surface, type 5	
Mounting in landscape format possible Standards, approvals, certificates CE mark EAC (formerly Gost-R) ROHS conformity Ambient conditions Suited for indoor use Suited for outdoor use Ambient conditions Suited for outdoor use No, possible under certain conditions Ambient temperature during operation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 30 °C Ambient temperature during storage/transportation • min. • max. 30 °C Relative humidity • Operation, max. 50 % Accessories Function description Material Material Material Polyester with functional hard layer, dirt-repellant, URM55, sillcone adhesive layer • Plastic • PET Pes to non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • Pes to non-reflecting, cratch-resistant, can be removed without residue Enclosure material (front) • Plastic • PET Pes to Jis Z 02377 • Plastic • PET Pes to Jis Z 02377 • Plastic • PET Pes to Jis Z 02377 • Plastic • Pes Haze 11,9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 • PET Yes: Basic foil, storage life > 1 year Dimonsions Width 318 mm Height Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Installation type/mounting		
Standards, approvals, certificates CE mark No; No CE marking obligation EAC (formerly Cost-R) Rol-IS conformity Ambient conditions Suited for indoor use Suited for indoor use Suited for outdoor use Ambient temperature during operation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 30 °C Ambient temperature during storage/transportation • min. • max. 50 °C Relative humidity • Operation, max. Accessories Function description Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • PET Pet To each one are a second dirt-repellant • Pestic • Pesti	Mounting in portrait format possible	Yes	
CE mark EAC (formerly Gost-R) FOR SONS CONFORMITY ROHS conformity Yes: unnecessary Ambient conditions Suited for indoor use Suited for indoor use No; possible under certain conditions Ambient temperature during operation • min. • max. • max. Ambient temperature during storage/transportation • min. • max. * max. * ab °C Ambient temperature during storage/transportation • min. • max. * 50 °C Relative humidity • Operation, max. * 50 % * Accessories Function description Material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. Enclosure material (front) • Plastic • Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Plastic • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. * Pet Yes; Non-antistatic, non-reflecting, scratch-res	Mounting in landscape format possible	Yes	
EAC (formerly Gost-R) ROHS conformity Ambient conditions Suited for indoor use Ves; Processing temperature 5 °C to 32 °C, empirical value Suited for outdoor use No; possible under certain conditions Ambient temperature during operation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 30 °C Relative humidity • Operation, max. Accessorios Function description Material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • PET Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • Plastic • Plastic • Pett Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Plastic • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Plastic • Plastic • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Plastic • Plastic • Pett Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Pett Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic	Standards, approvals, certificates		
RoHS conformity Ambient conditions Suited for indoor use Suited for outdoor use Ambient temperature during operation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 90 °C Ambient temperature during storage/transportation • min. • max. 90 °C Accessories Function description Material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • Plastic • PET Pet Yes; Non-artistatic, non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • Plastic Enclosure material (front) • Plastic • Per Yes; Non-artistatic, non-reflecting, scratch-resistant, can be removed without residue (interpellant) • Plastic • Plastic • Plastic • Plastic • Plastic • Per Yes; Ron-artistatic, non-reflecting, scratch-resistant, can be removed without residue, hard-coated, dirt-repellant • Plastic • Per Yes; Non-artistatic, non-reflecting, scratch-resistant, can be removed without residue, hard-coated, dirt-repellant • Plastic • Plastic • Plastic • Plastic • Plastic • Plastic • Per Yes; Basic foil, storage life > 1 year Dimensions Width • 18 mm • Height • 229 mm • O.225 mm; Corners radius 3.1 mm Weights Weight (without packaging)	CE mark	No; No CE marking obligation	
Ambient conditions Suited for indoor use Suited for outdoor use No; possible under certain conditions Ambient temperature during operation • min. • 20 °C Ambient emperature during storage/transportation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • 15 °C • max. 30 °C Relative humidity • Operation, max. 50 % Accessories Function description antibacterial Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • PET Pet Pet Pet Sorath resistance 2H (acc. to JIs K 5600), adhesive force 0.011 N/25 mm (acc. to JIs K 7361-1 yes; Basic foil, storage life > 1 year Dimensions Width Height 29 mm Thickness Weight (without packaging) 22 g; Per unit Weight (without packaging) 22 g; Per unit	EAC (formerly Gost-R)	Yes	
Suited for indoor use Suited for outdoor use No; possible under certain conditions Ambient temperature during operation inin. max. 80 °C Ambient temperature during storage/transportation inin. max. 30 °C Ambient temperature during storage/transportation inin. max. 30 °C Relative humidity Operation, max. 50 % Accessorias Function description Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer PET PET Pes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant Pets; Non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Plastic Plastic Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Plastic Pets; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS K 7361-1 Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 Yes; Basic foil, storage life > 1 year Dimensions Width Jala mm Height 229 mm Thickness Weight (without packaging) 22 g; Per unit	RoHS conformity	Yes; unnecessary	
Suited for outdoor use Ambient temperature during operation • min. • max. 80 °C Ambient temperature during storage/transportation • min. • max. 30 °C Ambient temperature during storage/transportation • min. • max. 30 °C Relative humidity • Operation, max. Accessories Function description Material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • Plastic • PET Pes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • PET Pes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Plastic • Pes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Pes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Pes; Sasic foil, storage life > 1 year Dimensions Width • Ala mm Height • 229 mm Thickness • 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging)	Ambient conditions		
Ambient temperature during operation Imax. 80 °C Ambient temperature during storage/transportation Imin. 15 °C Imax. 30 °C Relative humidity Operation, max. 50 % Accessories Function description Material Image: Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue tresidue residue Enclosure material (front) Plastic Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue. Enclosure material (front) Plastic Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue residue residue residue acc. to JIS X 5600), adhesive force 0.011 N/25 mm (acc. to JIS X 7331-1) PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging)	Suited for indoor use	Yes; Processing temperature 5 °C to 32 °C, empirical value	
 • min. • max. 80 °C Ambient temperature during storage/transportation • min. 15 °C • max. 30 °C Relative humidity • Operation, max. 50 % Accessories Function description Mechanics/material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • Petr Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) • Plastic • Petr Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 • PET • Petr Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit 	Suited for outdoor use	No; possible under certain conditions	
 max. Ambient temperature during storage/transportation • min. • max. 30 °C Relative humidity • Operation, max. Accessories Function description Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • PET Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Piastic • Piastic	Ambient temperature during operation		
Ambient temperature during storage/transportation • min. • max. 30 °C Relative humidity • Operation, max. 50 % Accessories Function description Mechanics/material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer • Plastic • PET Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant • PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) • Plastic • Plastic • Plastic • Plastic • Per • Pisstic	• min.	-20 °C	
 min. max. 30 °C Relative humidity Operation, max. 50 % Accessories Function description Mechanics/material Mechanics/material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Plastic Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit 	• max.	80 °C	
■ max. Relative humidity ■ Operation, max. 50 % Accessories Function description antibacterial Mechanics/material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer ● Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant ● PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) ● Plastic Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 ▼ yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Ambient temperature during storage/transportation		
Relative humidity Operation, max. 50 % Accessories Function description antibacterial Mechanics/material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	• min.	15 °C	
● Operation, max. Accessories Function description antibacterial Mechanics/material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer ● Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant ● PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) ● Plastic Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 ● PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	• max.	30 °C	
Function description Mechanics/material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Plastic PET PET Pes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant Pes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue PEnclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic Plastic PET PET Pet Pet Pet Pet Pet Pet Pet Pe	Relative humidity		
Function description Mechanics/material Material Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Plastic PET Pet Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue, hard-coated, dirt-repellant PET Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic Pet Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Pimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	 Operation, max. 	50 %	
Mechanics/material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Plastic Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Accessories		
Material Polyester with functional hard layer, dirt-repellant, URM55, silicone adhesive layer Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirt-repellant Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Function description	antibacterial	
layer Plastic PET Yes; Non-reflecting, matte, can be removed without residue, hard-coated, dirtrepellant PET Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic PET Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Yes; Basic foil, storage life > 1 year Pimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Mechanics/material		
repellant Yes; Non-antistatic, non-reflecting, scratch-resistant, can be removed without residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic PET Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Material		
residue Enclosure material (front) Scratch resistance 2H (acc. to JIS K 5600), adhesive force 0.011 N/25 mm (acc. to JIS Z 0237) Plastic PET Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Plastic		
(acc. to JIS Z 0237) Yes; Haze 11.9% acc. to JIS K 7136 and transmission 90.5% acc. to JIS K 7361-1 PET Yes; Basic foil, storage life > 1 year Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	• PET		
◆ PET Yes; Basic foil, storage life > 1 year Dimensions Width Weight 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Enclosure material (front)		
Dimensions Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Plastic		
Width 318 mm Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	• PET	Yes; Basic foil, storage life > 1 year	
Height 229 mm Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Dimensions		
Thickness 0.225 mm; Corners radius 3.1 mm Weights Weight (without packaging) 22 g; Per unit	Width	318 mm	
Weights Weight (without packaging) 22 g; Per unit	Height	229 mm	
Weight (without packaging) 22 g; Per unit	Thickness	0.225 mm; Corners radius 3.1 mm	
	Weights		
Weight (with packaging) 210 g; Complete set	Weight (without packaging)	22 g; Per unit	
	Weight (with packaging)	210 g; Complete set	

Delivery quantity in pieces	5; films per package
Components included	5x removers, 5x cleaning cloths, 1x spatula for applying
Other	
printable with laser printer	No
Merchandise	Yes; URM55 reflection shield, matte
Manufacturer name	Bedifol GmbH
Manufacturer's address	Byk-Gulden-Straße 2 // F22, 78467 Constance, Germany
contacting the manufacturer	phone: +49 (7531) 12738-60, email: shop@schutzfolien24.de
Target devices	Panels and IPC with start of delivery from 2020 (WFP2.3)
Note:	Surface-adhesive film, can be trimmed, printable, observe target device manual before attaching, limited suitability for resistive touch systems
Usable in the following products	
• Product 1	6AV2128-3M*
Product 2	6AV7863-1MA**-2*A0
Classifications	
	Version Classification

	Version	Classification
eClass	14	27-33-02-92
eClass	12	27-33-02-92
eClass	9.1	27-33-02-92
eClass	9	27-33-02-92
eClass	8	27-24-92-03
eClass	7.1	27-24-92-03
eClass	6	27-24-92-03
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584

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