

Product: Lensguard 7568 series
Product group: Pro-Techno products

General description

Nitto Lensguard series is a surface protection tape range developed for protection of mobile phone lenses. The product consists of a special PET film, coated with a pressure sensitive acrylic based adhesive. The combination with a white single coated release liner offers additional advantages during converting and pick and place operations.

Construction



- PET carrier*
- Pressure sensitive acrylic based adhesive
- White PET release liner

* PET carrier available in:

7568	Crystal clear
7568R	Semi-transparent red
7568LB	Semi-transparent light blue

Characteristics

The PET carrier combined with a transparent acrylic adhesive, allows you to have a perfect detection for defects on the mobile phone lenses.

By supplying Lensguard 7568 series on a white release liner, Nitto offers you additional advantages during converting processes, such as an improved optical recognition during the die cutting process and easier pick-and-place operation.

The film and adhesive combine a good adhesion level with an excellent weatherability. The acrylic adhesive of the Lensguard allows the protection tape to be used on a variety of lenses, with or without topcoat and is easy to process.

Application

Nitto Lensguard 7568 series is an ideal product range for protecting mobile phone lenses in a wide variety of plastics (such as PMMA, PC, acrylic...), both with or without topcoat. The combination with a white release liner, makes it furthermore the perfect solution for improved converting and pick and place operations.

Features

- produced in clean room conditions
- protection of mobile phone lenses
- crystal clear
- semi-transparent red
- semi-transparent light blue
- good adhesion level
- easy converting
- good weatherability
- suitable for wide variety of lenses (display & camera)
- recyclable

Properties

	Test method	
Film type	7568: Crystal clear PET (0.036 mm)	
	7568R: Semi-transparent red PET (0.036 mm)	
	7568LB: Semi-transparent light blue PET (0.036 mm)	
Release liner type	White PET (0,055 mm)	
Release value	15 cN/50mm	NITTO 35P
Adhesive type	Acrylic based	
Tape thickness	0,066 mm (without liner)	NITTO 01A
Adhesion to BA steel	40 cN / 20 mm	EN 1939
UV resistance	Good	

Availability*

Widths: 100 mm up to 1000 mm

Lengths: 250 m and 500 m

* Please contact us for specific dimensions

Application guidelines

- Use nothing more than a firm rubdown pressure to obtain a perfect adhesion between film and surface.
- To minimise the risk of air bubbles the tape should be applied by automatic mechanical means.
- The best results are obtained at an application temperature between 15 °C and 40 °C.

Our technical center is always at your disposal for special application requests.
Please contact us to make an appointment.

Precautions

All products manufactured by NITTO EUROPE NV are guaranteed to be free from defect at the time of shipping when tested according to NITTO EUROPE NV product specifications. Properties of the products are susceptible to change due to various influences such as composition and condition of the substrate, impurities in or on the substrate, temperature and humidity of storage and the surrounding environment during application etc. When the NITTO product is used in combination with other material, the user shall assure by his own tests the compatibility of the NITTO product in the resulting combination and whether the combination results in the expected performance.

Packaging and storage

The product should be protected against direct sunlight and extremes in temperature and humidity and stored upright in its original packaging. Once removed from its packaging, it should be protected against dust and other impurities.

Test methods and results

The properties of these products are determined in accordance with NITTO test methods. Detailed description of these methods are available on request. The above figures are average values, established to our best knowledge, but not to be used for specification purpose.

Edition: March 2005

Code: DS/08.01/A7 7568 series ENG

Nitto Europe NV has obtained following certificates:

