

Energy Saving (Solar control & Heat insulation) Window Film

PENJEREX®

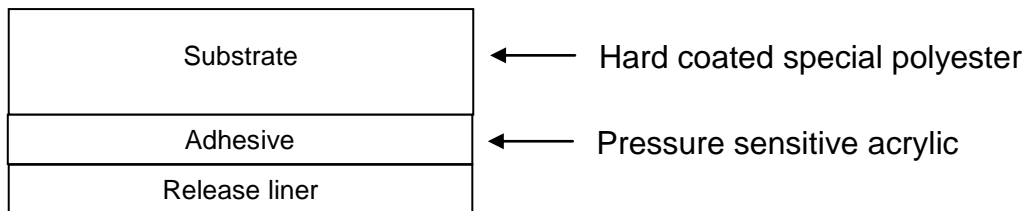
PX-7060S

Outline

PX-7060S, a new energy-saving window film featuring the industry's highest-level heat insulation along with solar heat rejection, which allows users to achieve energy savings year-round.

Construction

【Thickness: 69μm (Except release liner)】



Features

- Industry's top-level heat insulation
- Rejects approximately 50% of solar heat
- Lets through 70% of visible light
- Blocks more than 99% of harmful UV rays
- Reduces the risk of injury from shattered glass
- Scratch resistant hard coat

Product Size

P/No.	Size	Number of Pieces
PENJEREX / PX-7060S	w1524mm x 30m	1 roll

Potential Applications

- Glass windows of buildings
- Display chillers
- Transportation vehicle window

PENJEREX 1/2

PX-7060S_E03_EU Ver.

2014. 11. 17

Notes: This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.

Properties

•Optical Properties (on 3mm thick clear glass)

No.	U-Value	Emissivity	Solar			Visible		UV Transmission (%)	Solar heat gain coefficient	SC
			Reflection (%)	Transmission (%)	Absorption (%)	Reflection (%)	Transmission (%)			
PX-7060S	3.31 ¹⁾ 0.58 ²⁾	0.06	29	45	26	11	70	<1	0.49	0.56

1) W/m²·K

2) BTU/h·ft²·°F

※in accordance with ISO 10292 and ISO 9050

•Physical Properties

No.	Adhesion Strength (N/25mm width, 90° peel)	Tensile Strength (N/25mm width)	Elongation (%)
PX-7060S	6.6	215	220

•Shatter Resistance Performance (Tested in accordance with JIS A5759)

No.	Shotbag Impact Test	Interlaminar Deformation Test
PX-7060S	Pass	Pass

Precautions

- The PX-7060S is designed for indoor use only, and can be applied on glass only.
- After installation, a small amount of installation fluid will still remain. This may result in small water bubbles appearing and/or a slightly cloudy view. These bubbles and cloudiness will disappear as the water evaporates, however, it may take longer time depending on environment (e.g., no sunlight, lower temperature, higher humidity).
- When cleaning, spray water or neutral detergent containing water (about 0.1%) on the surface of the film, then wipe clean with a soft cotton. Do not wipe the film with dry cloth, and do not use cleanser, hard cloth, or paper. These materials can cause fine scratches on the film surface.
- All the data described here are measured values, not guaranteed.
- Product specifications may change without prior notice.

Contact

Nitto Europe

Eikelaarstraat 22

B-3600 Genk

Belgium

Email : penjerex@nittoeur.com

PENJEREX 2/2

PX-7060S_E03_EU Ver.

2014. 11. 17

Notes: This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.