

# ImagePerfect™ 7103 / 7104 / 7105

## Chrome 85 EXT / Chrome 70 EXT / Chrome 40 EXT

**Solar control films for exterior use on buildings to reduce the greenhouse effect, delivering heat and light control.**

ImagePerfect™ 7103 Chrome 85 EXT, ImagePerfect™ 7104 Chrome 70 EXT and ImagePerfect™ 7105 Chrome 40 EXT are solar control films for up to 12 year exterior use. They will reduce the room temperature and thereby improve the personal well-being in work spaces and/or living areas. The films incorporate a reflective surface with the one-way mirror effect providing privacy and a contemporary look on any building exterior. They are extremely effective at reducing solar heat gain whilst continuing to allow some natural light transmission. The films also help to improve the heating, ventilation and air conditioning (HVAC) system, improving overall efficiency and thereby reducing costs. They can also help to reduce the risk of skin cancer. As such, amongst other environments, they will be used in private households, offices, retail locations, schools and government agencies, where they will be applied on the outside surface of the glass. They utilise a high-quality PET film with high optical qualities and a hard, scratch-resistant surface for durability and ease of maintenance during window cleaning. They must be wet applied.

Attention: To avoid possible glass breakage, please contact your local ImagePerfect distributor before installation. Do not clean for at least 1 month after application and do not apply any type of sticker or adhesive on the film.

Specifications			
Description	IP 7103	IP 7104	IP 7105
Installation	Exterior	Exterior	Exterior
Colour From the Outside	Light Silver	Light Silver	Light Silver
Durability (Vertical Application)	12 years	12 years	12 years
Thickness	60mym	60mym	60mym
Film Composition	PET	PET	PET
Solar Energy Reflection	66%	53%	25%
Solar Energy Absorption	23%	26%	32%
Solar Energy Transmission	11%	21%	43%
Total Solar Energy Rejected	84%	71%	53%
Visible Light Transmission	16%	30%	59%
g-Value	0.14	0.29	0.50
UV Transmission (300-380NM)	< 1%	< 1%	< 1%
Edge Sealing, Vertical (25-89°)	Mandatory	Mandatory	Mandatory
Flame Retardancy	M1	M1	M1
Pendulum Test EN 12600	N/A	N/A	N/A
Security Glazing EN 356	N/A	N/A	N/A
Shelf Life (Storage at -5°C to +40°C)	3 years	3 years	3 years

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For more information about ImagePerfect please visit [www.imageperfect.com](http://www.imageperfect.com)

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