



### Kompetenz in Folie

Adhesive film experts • Experts en films autocollants  
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Οι ειδικοί στις μεμβράνες • Мы разбираемся в пленке  
الخبرة في مجال الرقائق الشفافة • 粘性薄膜专家



# Argos clear 4 Mil / FG-SI-CL-90-4SP

## Technical Data

### Properties:

- » safety film: safe glass breakage in conformity with EN 12 600 Class 2B2 (DIN 52 337)
  - » excellent transparency, nearly invisible (once installed), high light transmission
  - » UV protection only in the adhesive layer: protection against fading
  - » scratch resistant coating: increased longevity and easy cleaning
  - » adhesive: high transparent, for safety films
  - » interior installation (also available as exterior inst. FG-SO-CL-90-4SP)
- » warranty: 12 years vertical / 12 years slope

### Accreditation

**Impact:** AS/NZS 2208; ANSI Z97.1 (12" pendulum fall); ANSI Z97.1 (18" pendulum fall); CPSC 1201 Category 1 (18" pendulum fall); CPSC 1201 Title 16 (48" pendulum fall), BS 6206 Class B; EN 12 600 (DIN 52 337) Class 2B2

**Anti Graffiti:** Paris Metro Anti Graffiti

**Fire:** ASTM D1929 Ignition; ASTM E84 Surface Burn

**Bomb Blast:** GSA Level C (0.0276 N/mm<sup>2</sup>, 0.21 N/mm<sup>2</sup>/msec) P (3B)

## Technical features

| Pane   | 3mm single            |
|--|-----------------------|
| Visible Light Transmission                         | 89%                   |
| Visible Light Reflection Interior                  | 10%                   |
| Visible Light Reflection Exterior                  | 10%                   |
| Ultra Violet Block                                 | 97%                   |
| Total Solar Energy Reflection                      | 9%                    |
| Total Solar Energy Transmission                    | 81%                   |
| Total Solar Energy Absorbed                        | 10%                   |
| Gare Reduction                                     | 1%                    |
| Shading Coefficient                                | 0.96                  |
| Coefficient of Total Energy Transmission (g-Value) | 0.84                  |
| U-Value (EN673 W/m <sup>2</sup> K)                 | 6.07                  |
| Total Solar Energy Rejected                        | 16%                   |
| Thickness without Liner                            | 102µ                  |
| Tensil Strength at Break                           | 196 N/mm <sup>2</sup> |
| Break Strength                                     | 19.61 N/mm            |
| Elongation at Break                                | 125%                  |
| Peel Strength                                      | 1.22 N/mm             |



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# CFC® FlatGlassFilms

## Argos clear 4 Mil / FG-SI-CL-90-4SP



### Warranty:

From the date of purchase CFC®CarFilmComponents grants a warranty for the material. In case of vertically installed films CFC®CarFilmComponents grants a 12-year warranty and 12-years for nonvertically installed films if it's processed in an area that is comparable to middle-European climatic conditions. It is required that during the period of warranty the building is the property or inhabited by the person claiming the warranty and the installation of the film is executed by an specialist CFC®CarFilmComponents installer.

The warranty of the material covers bleaching, discoloring, cracking formation, delamination, demetallisation, shrinking and reduction of the adhesive strength.

In case of a legitimated warranty claim the CFC®CarFilmComponents dealer will substitute the material at no charge. The CFC®CarFilmComponents dealer has no rights to remodel or enlarge the warranty standards in the name of CFC®CarFilmComponents and is no employee or representative of CFC®CarFilmComponents but an independent company.

This warranty is nontransferable. CFC®CarFilmComponents accepts no claims for defects which are caused by ignoring the care labels, accidental damage, demanding higher than average or wrong usage. CFC®CarFilmComponents can not be held liable for dismantling or breakage of the glass (for any reason).

The warranty applies solely on the quality of the films and requires original bill. This warranty does not cover the removal or replacement of the film or any kind of reimbursement in case of an admission ban in the future or a change of the legal regulations for window films generally.

Your legal rights are not touched by this warranty of course.

**Installation instructions and care labels are summarized in a separate document.**

**This translation is a service for orientation usage only and does not have any legal character. The legal claimable one is the German version.**

The indications about physical and chemical features are based on tests which are considered reliable but do not constitute any guarantee. The listed values have to be seen as guidelines. The indications are without engagement and are for informational purposes only. From these data, no claims can be derived. Modifications and mistakes excepted.

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