

# ARC RTI50LE DASR

ARC REFLECTIVE TINT 50% - LOW E



## Overview

Reflective Tinted Window Films are a great solution to heat and glare problems when a traditional tinted appearance is preferred.

Although less effective than standard reflective window films, the neutral appearance of these products makes them ideal for traditional looking buildings when a modern reflective / mirror look may not be desirable.

## Performance Guide

Energy Savings	★ ★ ★ ☆ ☆
Heat Rejection	★ ★ ★ ☆ ☆
Heat Retention	★ ★ ★ ★ ☆
Glare Reduction	★ ★ ☆ ☆ ☆
Fade Reduction	★ ★ ☆ ☆ ☆
Safety & Security	★ ☆ ☆ ☆ ☆
One Way Privacy	★ ★ ☆ ☆ ☆
Colour	Neutral Tint
Installation Position	Internal
Warranty	7 Years

## Low Emissivity

Low Emissivity (Low E) Window Films have an additional coating on the internal surface to reflect heat back inside the room. In addition to the standard solar control properties of reflective films, these films offer year round energy savings and improved thermal comfort.

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Data values are representative and are provided for comparative purposes only. To ensure film to glass compatibility and optimum performance, please contact your local ARC representative.

## Performance Data

	4mm Single	4/7.6/4mm double
Solar Energy Transmission	35%	30%
Solar Energy Reflection	29%	27%
Solar Energy Absorption	36%	43%
Visible Light Transmission	45%	44%
Visible Light Reflection (Exterior / Interior)	25/23%	28/25%
G Value	0.42	0.48
Shading Coefficient (b value)	0.48	0.56
Light to SHG Ratio (LSG)	1.07	0.91
U Value (EN 673 W/m2k)	4.70	2.50
Emissivity	0.45	0.45
UV Transmission	<1%	<1%
Glare reduction	45%	50%
TSER	58%	52%

## Physical Properties

Thickness	45µ
SR Coating	Yes
Tensile Strength	104n/mm <sup>2</sup>
Yield Strength	54n/mm <sup>2</sup>
Safety Certification	N/A