

# ARC RTI40 HDASR

ARC HP REFLECTIVE TINT 40%



## 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 make 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	10 Years

## Energy Saving

By installing ARC Window Film you can control the amount of solar radiation entering a through glazing. This not only reduces heat build-up, temperature fluctuations and hot spots, but can also cut HVAC expenditures dramatically.

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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	4/16/4mm double
Solar Energy Transmission	34%	29%
Solar Energy Reflection	16%	18%
Solar Energy Absorption	50%	53%
Visible Light Transmission	39%	36%
Visible Light Reflection (Exterior / Interior)	18/15%	22/17%
G Value	0.46	0.57
Shading Coefficient (b value)	0.53	0.66
Light to SHG Ratio (LSG)	0.72	0.63
U Value (EN 673 W/m2k)	5.8	2.7
Emissivity	0.93	0.93
UV Transmission	<1%	<1%
Glare reduction	55%	60%
TSER	54%	43%

## 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