



**JEC**

**WINDOW FILMS**



JEC's target is to start a revolution in the window film industry. With our unique technique to combine Infrared Ray rejection material with hard coating. JEC provides the best visibility and best protection window film compared to any other window film on the market.



# Content

- Unique technique
- IRR material layer compare chart
- Visibility
- Recognizable
- Easy installation
- Comparison chart



# 5 Key Performance

- Unique technique
- Easy to Work with and install
- Customized Color
- Better Visibility
- Easily Recognizable



# Customized Color

JEC have our very own production line that provides customized color service. We also manufacture multilayer sputter window films, nano ceramic window films and nano ceramic sputter window films.

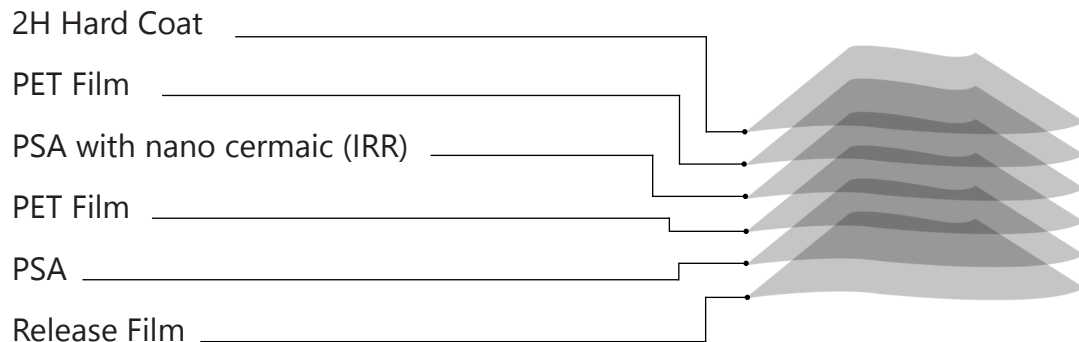
ODM and OEM orders are  
**welcome**



# Unique Technique

## Normal Window Films Structure

Normal window films use nano ceramic technology to increase Infrared Ray rejection. The PSA layer with nano ceramic material is around  $5\mu\text{m}$ , and  $5\mu\text{m}$  layer in the wavelength range of  $950\text{nm}$  to  $1400\text{nm}$ , the IRR can up to 85% to 92%. To increase the IRR to above 95%, the PSA layer needs to coat with more nano ceramic material to  $7\mu\text{m}$  but it will be hazier.



# Unique Technique

## JEC Window Films Structure

JEC's patented technique combine hard coat and IRR material to dramatically improves driver's visibility by preventing light scattering and haze. The IRR measuring result in 950nm wavelength is 96%, and in 1400nm is 100%.

2H Hard Coat with IR rejection

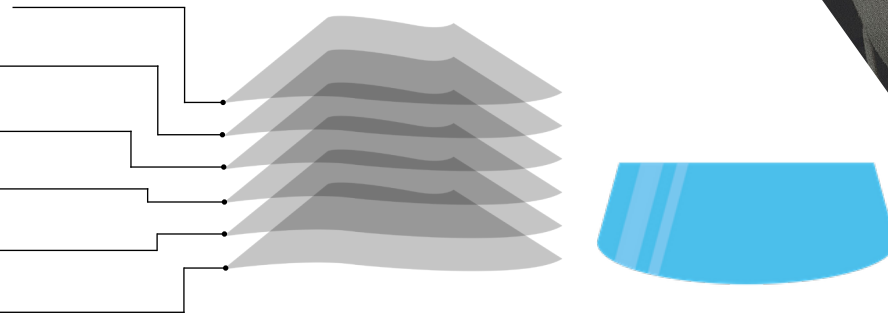
PET Film

PSA with UV rejection

PET Film

PSA

Release Film



# IRR Material Layer Compare Chart



IRR	PSA	HC
<b>Pros</b>	Easy to work with and install	No fade of IRR and unique technique
<b>Cons</b>	IRR will fade after exposure for 2-3 years	Higher cost but better quality



# Better Visibility Compare to the Same VLT Window Films



Competitor

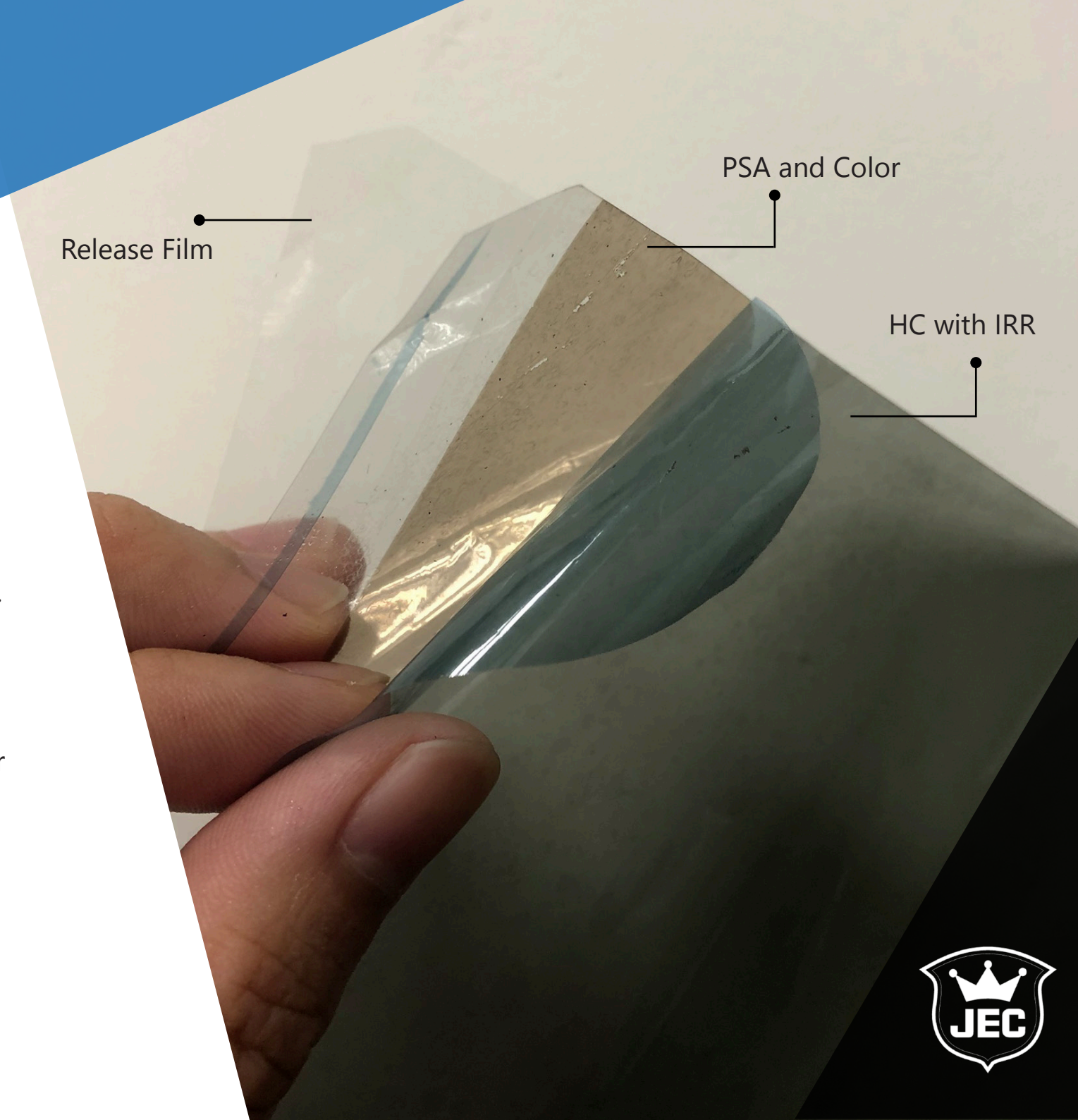
JEC window film



# Easily Recognizable

JEC window films have high IRR yet maintain the clarity visibility.

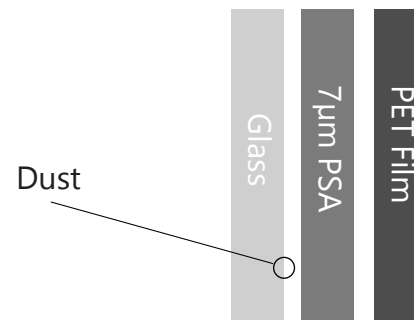
If you disassemble our window films, you'll find that our IRR material is in the hard coat layer not like any other else. The PSA layer between two PET layer, you can customize any color you like.



# Easy to Deal with Installation Problem



JEC window films' installation just like other PSA films but we use thicker adhesive to make your installation easier. A well experienced installer knows after your installation, sometimes there's some dust stuck between your film and glass. With JEC's powerful adhesive, you can easily wrap the dust with heat gun and finish the work with ease.



# Nano Ceramic Comparison Chart

Features	JEC	Competitor A	Competitor B
Customized color	✓	-	-
Color stability	Good	Good	Best
IRR(950nm-1400nm)	✓ 96%-100%	92%-95%	34%-65%
Heat rejection	✓ Better	Good	Bad
UVR	✓	✓	✓
Installation	✓ Easier	Easy	Easy
Visibility	✓ Clarity	Blue haze	White haze
Product quality	✓ Best	Better	Good



# JEC Window Film Specification



Product	VLT	IRR	UVR	Glare Reduction	Blue Light Rejection
JC 70	72%	96%	99.9%	32.2%	45.4%
JC 40	40%	99%	99.9%	52.4%	68.4%
JC 30	30%	99%	99.9%	70.6%	76.8%
JC 20	20%	99%	99.9%	77.9%	85.4%
JC 10	10%	99%	99.9%	90.9%	93.6%





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