

maxiflex®

FINEVINYL®

Our Premier Distinguished Crystal Clear PVC,
Globally Recognised for It's Glass-like Clarity





Scan this QR code to find out more information about the FINEVINYL PVC range

FINEVINYL PVC



Finevinyl PVC is Extruflex's premier solution, lauded for its exceptional qualities. Its high transparency, durability, and UV resistance make it the top choice for clear soft PVC windows and coverings. This material allows light to pass through while enduring harsh weather conditions. Its UV resistance ensures it can withstand prolonged exposure to sunlight without damage. With exceptional clarity, Finevinyl acts like a soft glass product, making it perfect for various applications, such as tents, porch roofs, marquees, terraces, boat awnings, car and yacht coverings, doors, windows, and partitions. Finevinyl is available in standard anti-UV, fire-retardant and polar grades.

Since Extruflex launched Finevinyl back in 2009, its popularity and demand has grown from strength to strength making it the world's first choice for PVC film. Since the COVID-19 pandemic, Finevinyl has shown its vast evolution capabilities and demonstrated its versatility becoming home to a portfolio of new products on the market not considered before.



FINEVINYL PVC

Why Choose Finevinyl in Your Applications?

Finevinyl stands as the optimal choice for applications requiring exceptional transparency, unparalleled clarity, and remarkable durability. As the clearest PVC available on the market, Finevinyl ensures unobstructed views while offering robust protection against environmental elements. Noteworthy for its fire, UV and cold temperature resistance, this versatile solution proves to be useful for an extensive array of applications.

Common Applications:

- Tents and Marquees
- Roofing and Windows
- Vehicle Partitioning
- Spray booths
- Boating and Yachting
- Medical Equipment



Features and Benefits:



TRANSPARENT

Finevinyl is completely transparent and clear, acting as a flexible glass-like material.



EXTREMELY DURABLE

Extruflex PVC is extremely durable and can withstand tearing, scratching and harsh chemicals.



UV AND COLD RESISTANT

Finevinyl is UV resistant and comes in polar grade, making it the perfect solution for outdoors.



FIRE RETARDANT

Finevinyl has fire-retardant properties that prevent the PVC from melting or igniting at high temperatures.



CLEAR VIEWING

Finevinyl's clarity and transparency allows viewers to see through the PVC with ease.



LONG LASTING

This means that you won't need to replace your Finevinyl PVC as often.



GREAT FOR OUTDOORS

Due to Finevinyl's UV resistance and superior durability, it is perfect for outdoor use.



SAFE FROM FIRES

The fire retardant qualities of Finevinyl prevent fires from breaking out and spreading.

FINEVINYL HAS SUPERIOR DURABILITY AND TRANSPARENCY

Finevinyl has superior quality and is the preferred solution for its high transparency, durability and UV resistance. Finevinyl is the clearest and most transparent PVC on the market, making it the perfect solution for an alternative to glass windows or doors. Finevinyl is also extremely durable, and able to resist scratching, tearing and stretching. Finevinyl is also available in fire retardant and two soft standard grades to suit low temperatures.

Great for Outdoor Use

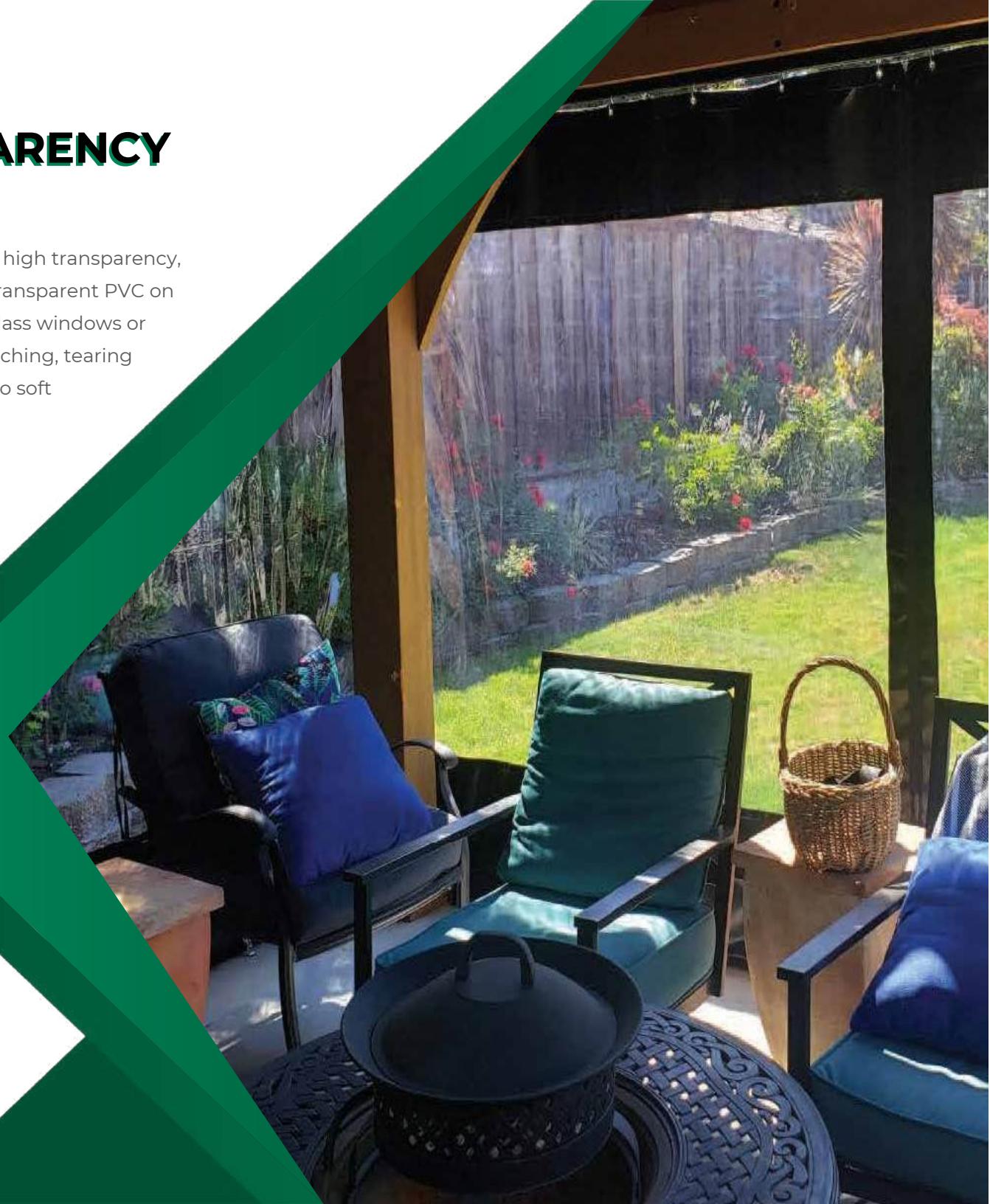
Due to the superior durability of Finevinyl, it is perfectly suited for outdoor use as an alternative to glass.

Finevinyl can be used as a transparent covering or protection screen, keeping the elements and weather out while still allowing the sunshine to enter the area.

Easy to Clean and Maintain

Finevinyl, like all the rest of the Extruflex PVC range, is extremely easy to clean and maintain.

Finevinyl will keep its transparency for long periods but may, on occasion, need to be cleaned to restore it to its original clarity. This can be done by simply wiping the PVC with a damp cloth and some washing detergent, restoring the PVC to its original clarity and transparency.



FINEVINYL HAS UV-RESISTANT AND FIRE RETARDANT QUALITIES

Finevinyl, distinguished by its adherence to M2/B1 fire-retardant standards and notable UV resistance, emerges as the definitive choice among the available flexible PVC options in the market. The robust fire-retardant properties not only contribute to its exceptional durability but also establish Finevinyl as the sought-after solution for flexible PVC applications. This inherent fire-retardant feature provides a vital safeguard, significantly reducing the potential for fire to spread and ensuring the protection of individuals and property.

Finevinyl's versatility manifests across a broad spectrum of applications, encompassing indoor and outdoor partitioning systems, protective barriers, transparent coverings, and clear windows and doors. It stands as the pinnacle of excellence for those seeking uncompromising quality and safety in their flexible PVC requirements.

Protection From the Harshest Elements

The Extruflex Finevinyl range is perfectly suited for outdoor use. This is due to the UV-resistant qualities of our Finevinyl range, allowing it to be placed outdoors in direct sunlight and exposed to the elements. This makes this flexible PVC the perfect solution for outdoor use, as a protective barrier to protect people and property from the elements. This also allows Finevinyl to be used in a large variety of use cases, such as in outdoor coverings, maritime windows and shields, tent and marquee windows, outdoor partitions, etc. Using Finevinyl outdoors ensures that the PVC will be long-lasting and survive in even the harshest of outdoor weathers.

Prevents Fires From Starting or Spreading

Finevinyl has fire retardant properties, making it a safe alternative to other clear flexible PVC on the market. The fire retardant properties of Finevinyl prevent fires from starting and is therefore a great option for certain use cases where being in close proximity to open flames is a possibility. Finevinyl doesn't ignite as easily as other PVC on the market and is therefore extremely safe. Using Finevinyl can prevent the spread of fire and is a great option to use when near open flames, such as near campfires, candles or fireplaces. This is why Finevinyl is highly recommended whenever there is a possibility of being in the proximity of an open flame.



FINEVINYL SHEET AVAILABLE SIZE & GRADE OPTIONS



FINEVINYL - Standard Anti-UV (3S)



STANDARD SIZE DIMENSIONS
(Standard Grade (3S) Ref: 425)

1400mm x 0.3mm x 65M
1400mm x 0.5mm x 40M
1400mm x 0.8mm x 25M
1400mm x 1mm x 20M

*Available in Crystal Clear

FINEVINYL - Fire Grade M2/B1



STANDARD SIZE DIMENSIONS
(Fire Grade Ref: 690)

1400mm x 0.3mm x 65M
1400mm x 0.5mm x 40M
1400mm x 0.8mm x 25M
1400mm x 1mm x 20M

*Available in Crystal Clear

FINEVINYL - Standard Anti-UV (2S)

STANDARD SIZE DIMENSIONS
(Standard Grade (2S) Ref: 436)

1400mm x 0.3mm x 65M
1400mm x 0.5mm x 40M
1400mm x 0.8mm x 25M
1400mm x 1mm x 20M

*Available in Crystal Clear

*All images used are for illustration purposes only.
The products colour and appearance may differ slightly in reality.
*Custom sizes are available upon request, MOQ will apply.
*Extruflex can change the sizings at any time.
*Extruflex operate on a stringent production size tolerance policy.
A tolerance of +or- 0.4mm is deemed fit for purpose and passes QC.

FINEVINYL TECHNICAL SPECIFICATIONS

Physical Properties	Test Method	Unit	Standard Anti UV (3S)	Fire Retardant (M2/B1) 	Standard Anti-UV (2S)
Reference	-	-	REF 425	REF690	REF 436
Width	-	mm	1400	1400	1400
Length	-	m	20 to 65*	20 to 65*	20 to 65*
Hand	-	-	3S	3S	2S
Weight / roll	-	kg	35	36	35
Weight / m ²	-	gr / m ²	372 to 1240*	390 to 1300*	375 to 1255*
Finish	-	-	Double Polished	Double Polished	Double Polished
Colour	-	-	Clear Blue	Clear Blue	Clear Blue
UV Stabalised	-	-	Yes	Yes	Yes
Fire Retardant	NF P92-507	-	-	M2/B1	Yes
Low Temp Resistance (Impact Test)	ASTM D746	°C	-40 to -30*	-7 to -25*	-25 to -35*
Tear Resistance	ASTM D1004-13	N	21 to 70 (X)*	19 to 67 (X)*	23 to 78 (X)*
			19 to 66 (Y)*	17 to 65 (Y)*	21 to 72 (Y)*
Tensile Strength	ISO 527-1	Mpa	20 to 26 (X)*	18 to 23 (X)*	22 to 28 (X)*
	ISO 527-3		25 to 29 (Y)*	15 to 26 (Y)*	27 to 32 (Y)*
Elongation at Break	ISO 527-1	MPa	350 to 380 (X)*	340 to 370 (X)*	330 to 360 (X)*
	ISO 527-3		320 to 420 (Y)*	310 to 400 (Y)*	310 to 390 (Y)*
Heat Shrinkage (80°C, 10 mins)	DIN 53377	%	0.7 (X)	0.9 (X)	0.5 (X)
			-2.2 (Y)	-2.7 (Y)	-1.9 (Y)

*These values depend on the thickness

Other sizes can be provided upon request

Extruflex operate on a stringent production size tolerance policy.

A tolerance of +or- 0.4mm is deemed fit for purpose and passes QC.

The data contained in this technical specification sheet is for informational purposes only and is based on our current knowledge of the products concerned. This information is given to our customers in good faith to inform them and does not constitute any formal or implicit guarantees as to how the products are used.





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extruflex

flexible vinyl technologies

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