

## Venus Anti Drip 180K



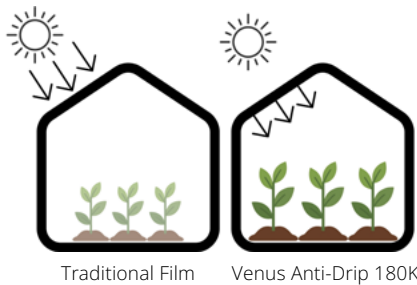
### PRODUCT DESCRIPTION

Made from strong and durable 180 micron PE film, Anti-fog 180 is specially designed with surface tension altering properties to prevent fogging, forcing droplets to flow down the film to gutters instead of onto crops.

The UV stabilised film offers medium light diffusion and high light transmission improving plant photosynthesis.

The 180 micron thick film is designed to withstand damage from wind and other environmental stress.

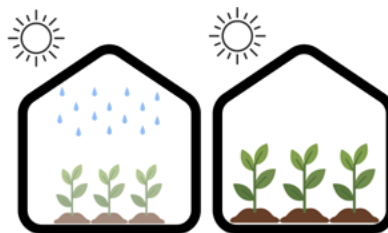
#### More light and better diffusion



Traditional Film

Venus Anti-Drip 180K

#### Superior Anti-Drip



Traditional Film

Venus Anti-Drip 180K

#### Anti-Fog



Traditional Film

Venus Anti-Drip 180K

<b>Anti-Fog 180</b>	Multi-layer, Long-life, Colourless, Medium Diffusing, Anti-Drip, Anti-Fog			
<b>Resins</b>	PE			
<b>UV Guarantee</b>	48 Months			
<b>Nominal Thickness</b>	180 mic			
<b>Mechanical Properties</b>		Test Method	Typical Values	Tolerance
<b>Tensile Strength @ BREAK (MPa)</b>	Machine Direction	ASTM D882	32	-10%
	Transverse Direction		32	-10%
<b>Elongation @ BREAK (%)</b>	Machine Direction	ASTM D882	600	-10%
	Transverse Direction		650	-10%
<b>Tear Resistance</b>	(gf/mic)	ASTM D1922	6.0	-10%
<b>Light Transmission</b>	400-700nm (%)	ASTM D1003	≥ 88	
<b>Diffusion</b>	400-700nm (%)	ASTM D1003	40-45	

## Venus Ultra Diffuse 550AF



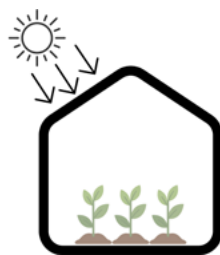
### PRODUCT DESCRIPTION

Venus Ultra Diffuse 550AF scatters light deep into the canopy, reducing shadows and hotspots allowing a greater yield from your crop.

A strong and UV stabilised film, Ultra Diffuse 550AF will reduce leaf burn, offer more uniform growth and improve yield consistency.

Ultra Diffuse 550AF also offers a high light transmission giving more energy to your plants to further increase growth, plant health and yield.

#### More light and better diffusion



Traditional Film



Venus Ultra Diffuse 550AF

Ultra Diffuse 550AF	Multi-layer, Long-life, Colourless, Ultra-high Diffusing			
Resins	PE			
UV Guarantee	36 Months			
Nominal Thickness	150 mic			
Mechanical Properties		Test Method	Typical Values	Tolerance
Tensile Strength @ BREAK (MPa)	Machine Direction	ASTM D882	32	-10%
	Transverse Direction		32	-10%
Elongation @ BREAK (%)	Machine Direction	ASTM D882	600	-10%
	Transverse Direction		650	-10%
Tear Resistance	(gf/mic)	ASTM D1922	6.0	-10%
Light Transmission	400-700nm (%)	ASTM D1003	≥ 90	
Diffusion	400-700nm (%)	ASTM D1003	80±5	

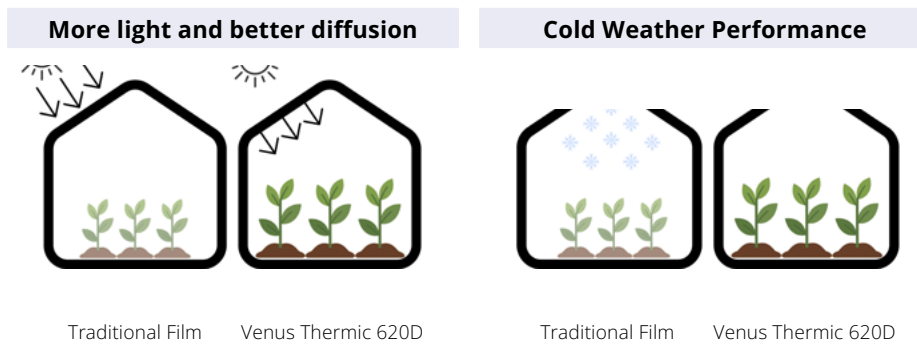
## Venus Thermic 620D



### PRODUCT DESCRIPTION

Venus Thermic 620D Greenhouse film offers similar diffusion and light transmission as our Ultra Diffuse film BUT also offers improved cold weather performance, helping to trap and hold heat longer.

High light transmission and diffusion help crops grow while the Venus Thermic 620D stabilises temperatures, protects from frost and assists with faster crop growth.



<b>Thermic 620D</b>	Multi-layer, Long-life, Colourless, Ultra-high Diffusing, Thermic			
<b>Resins</b>	PE			
<b>UV Guarantee</b>	36 Months			
<b>Nominal Thickness</b>	150 mic			
<b>Mechanical Properties</b>		Test Method	Typical Values	Tolerance
<b>Tensile Strength @ BREAK (MPa)</b>	Machine Direction	ASTM D882	28	-10%
	Transverse Direction		31	-10%
<b>Elongation @ BREAK (%)</b>	Machine Direction	ASTM D882	600	-10%
	Transverse Direction		600	-10%
<b>Tear Resistance</b>	(gf/mic)	ASTM D1922	7.5	-10%
<b>Light Transmission</b>	400-700nm (%)	ASTM D1003	≥ 89	
<b>Diffusion</b>	400-700nm (%)	ASTM D1003	85±2	
<b>Infrared Light Transmission</b>	7-13μ (%)	INTERNAL METHOD	≤18	