



Ventilated Pallet Wrapping Solution



A family
owned
Australian
business

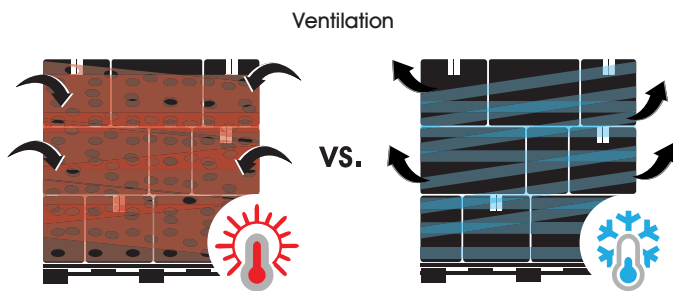




The Perfect Load Ventilation & Containment, Synchronised not Compromised

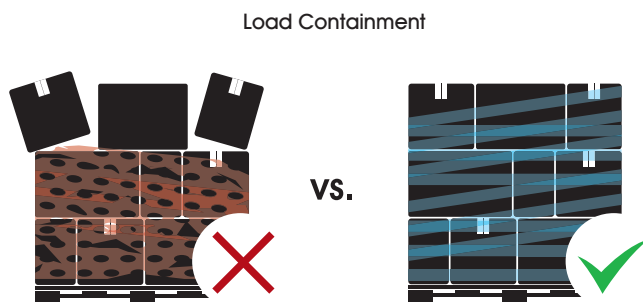
End of line packaging plays a vital role in protecting & prolonging our farmer's and supermarket's perishable foods. To keep produce fresh, meats, dairy, beverages and hot fill products from damage during transit & storage, they need to be ventilated quickly & adequately to avoid ripening gases, moisture build up and rust from occurring. To assist with the cooling process, ventilated stretch wrap is used to extend the shelf life by allowing loads to breathe. Introducing Omni's VentX Unico – the world's first patent design, revolutionising the way our industry applies pallet load ventilation without compromising load containment.

Regular Stretch Wrap VS. VentX Unico Solution



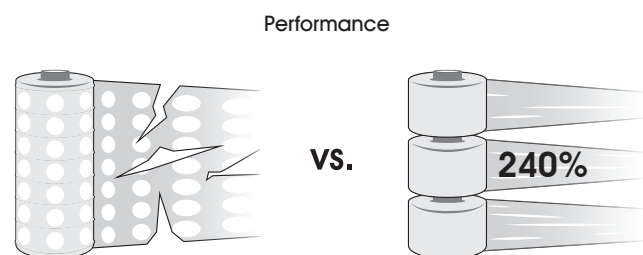
Smart Engineered Ventilation

Regular stretch wrap acts as an insulation for the load, increasing cooling time. Wrapping pallets with VentX Unico allows air to flow freely through the pallet; cooling the load quicker and maintaining regular air flow during storage. Freezer temperature (-20°C) isn't required to be as low, therefore reducing energy consumption & electricity costs in chill rooms.



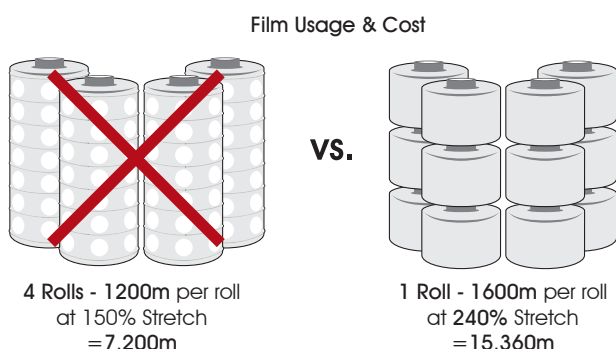
Achieve Optimised Load Containment

Regular ventilated films won't stretch beyond 150% due to the structure of the film between the pre-cut holes. Film breakages, downtime, excessive costs & wrapping inconsistencies can occur. The VentX Unico system can be pre-stretched up to 240% and reinforced with ropers that act like cable stretch film bands, securing load & load-to pallet bond. There are also no loose tails, meeting strict supermarket requirements for palletised loads. Without proper load containment, you risk the load sliding off its pallet during transportation, product damage, accidents and OH&S.



Flexibility to Customise & Control

Operators can now customise settings to control the amount of ventilation & load force required for different weights & pallet load types. The VentX Unico System is fitted on Pallet Wrappers; to be used in conjunction with high-performance stretch film, separated into 3 mini rolls on one continuous core. These 3 bands of film are dispensed through a roping mechanism & pre-stretch carriage, allowing adjustments to film widths for maximum ventilation. Convenience, consistency & control are in your hands.



Reduce Plastic Usage, Overall Costs, Labour Time & Environmental Impact

Regular ventilated stretch film at a low stretch yield is very expensive in comparison to Omni's VentX Unico Solution. Reduce film usage and significant costs. Additional savings can be found in productivity, making it an economical and sustainable solution for end of line packaging.

Plastic Usage & Cost Comparison

Regular Ventilated Stretch Wrap vs. **VentX Unico Solution**

Total Stretch Wrap Savings per Year



\$55.269.09

Cost Savings on Stretch Wrap
(78% reduction)



1,872 kg

Stretch Film Usage Reduction
(76% reduction)

=



30 Skip Bins

per year
(reduce carbon footprint)

Product Details	Regular Ventilated Stretch Wrap	VentX Unico (56.030VX)
Film measurements	500mm x 1200m x 30um	500mm x 2000m x 14um
Weight per roll (kg)	16.5kg	11kg
Cycle		
Pallet size (mm)	1220mm x 1220mm x 1600mm	1220mm x 1220mm x 1600mm
Pallets wrapped per month	2000	2000
Power Pre-stretch (%)	150%	240%
Cut & Weight Results		
Film used per pallet (g)	326g	78g
Pallets wrapped per roll	51	141
Costs		
Cost per roll	\$150.00	\$90.00
Cost per pallet wrapped	\$2.94	\$0.64
Total		
Annual film cost (\$)	\$70,588.24	\$15,319.15
Annual film usage (kg)	7,765kg	1,872kg

*Results from an Australian Food Distribution Centre who have applied the Perfect Pallet Wrapping Solution to save on film usage, costs, time and environmental impact.



