

## Visible Light Transmission Compliance

- New Zealand -

6 April 2016, version 2

The contents of this publication are a guide only and cannot be used as a reference to a point of law. For a detailed explanation, refer to the regulations in Land Transport Rule: Glazing, Windscreen Wipe and Wash, and Mirrors Rule 1999, Part 1, Section 2.

The regulations specify the minimum visible light transmission (VLT) rules for all windows on vehicles. These laws affect any material or coating applied to windows, such as tinting, stickers and perforated vinyl.

The relevant authorities do not issue approvals for specific products; rather they expect manufacturers of window materials and installers who apply such materials, to comply with the VLT rules. The purpose of this fact sheet is to state the non/compliance for each of our films we distribute in the New Zealand market, which vehicles are permitted to have One Way Vision, and where the One Way Vision may be applied on a vehicle.

The compliance ticks in Table 1 below are based on the assumptions that the window is factory tinted, has no aftermarket tinting and is clean. VLT rules do vary according to the vehicle year of manufacture, but in order to simplify the compliance position, we have presented the information based on worst case scenario.

**Table 1 - Detailed VLT Compliance Information**

Product	Front Windscreen	Driver and Front Passenger Windows	Windows behind the Driver		
	All Vehicles (within 100mm along top/bottom edges, 50mm side edges)	All Vehicles (within 100mm of bottom edge, 50mm all other edges)	Vehicle Class MA (within 100mm on all edges)	Vehicle Classes MB, MC (Entire window is allowed)	Vehicle Classes MD, ME, N (Entire window is allowed)
<b>AutoVue</b>	✓	✓	✓	✓	✓
<b>EconoVue</b>	×	×	×	×	Flat glass only
<b>PromoVue</b>	✓	×	✓	×	✓

Please refer to table notes below.

### Notes:

1. Class MA are passenger vehicles such as sedans, hatch backs, coupes, convertibles, roadsters, station wagons.
2. Classes MB and MC are passenger vehicles such as SUVs, 4WDs wagons, people movers that have been fitted with 9 or less seats, single cab utes that have a maximum pay load of 272kg or less, dual cab utes with a maximum pay load of 680kg or less.
3. Classes MD and ME are mini-buses (10 or more seats), buses, coaches.



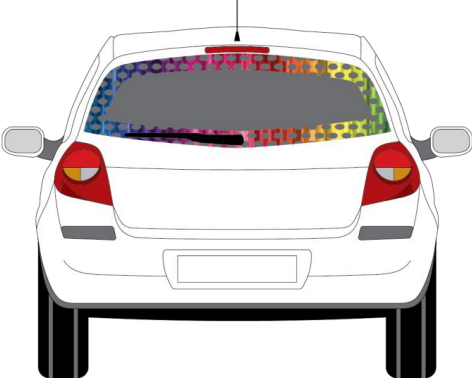
4. Class N are goods vehicles such as vans (3 or less seats), single cab utes with a maximum pay load more than 272kg, dual cab utes with a maximum pay load of more than 680kg, cranes, trucks, military vehicles (such as APVs), agriculture vehicles (such as tractors, harvesters), camper vans.
5. Stretched limousines, ambulances and hearses have exemptions which allows them to be classified in with Class N vehicles.

## Summary

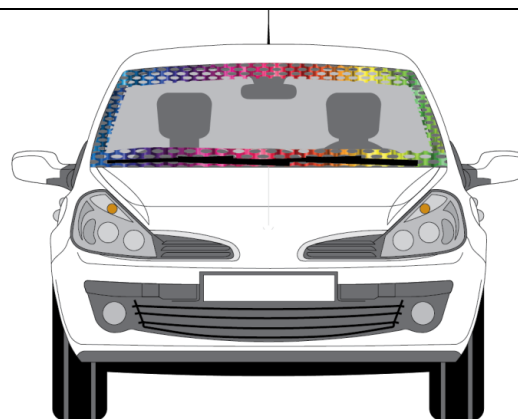
From Clear Focus One Way Vision's perspective, there are three broad categories of vehicle windows to consider regarding VLT in New Zealand.

1. Vehicles windows in which perforated One Way Vision film is not allowed over the entire window, except around the edges. Refer to Table 2 below for a list of vehicles in this category;
2. Vehicles windows in which a minimum 35% VLT perforated One Way Vision film is permitted. Refer to Table 3 below for a list of vehicles in this category; and
3. Vehicles windows in which no minimum VLT is specified and therefore any perforated One Way Vision film is permitted. Refer to Table 4 below for a list of vehicles in this category;

**Table 2 - Vehicles where OWV is NOT permitted over the entire window**

<b>Class MA Vehicles</b> Centre of steering wheel is not in forward quarter of vehicles total length. This includes Taxi's and Limousines	<b>Where OWV can be applied</b>
<p><b>Sedans</b></p>  <p><b>Hatches</b></p> 	 <p>Rear side and rear windows Within 100mm top/bottom/left/right edges</p>

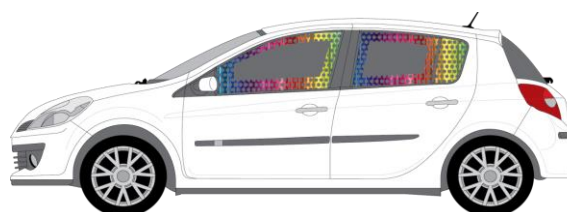
## Wagons



Front windscreen  
100mm top/bottom, 50mm left/right edges



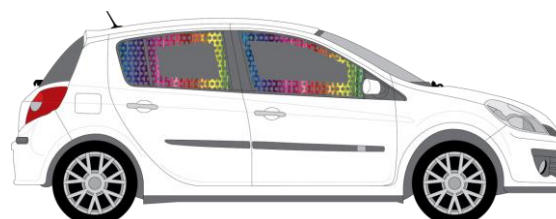
## SUV



Front side windows  
100mm bottom, 50mm top/left/right edges



## Coupes



Front side windows  
100mm bottom, 50mm top/left/right edges

## Convertible



**PLEASE NOTE:** We recommend application of One Way Vision onto **fixed windows only**. We do not recommend application to moveable windows.

**Table 3 - Vehicles windows in which a minimum 35% VLT perforated One Way Vision film is permitted**

<p><b>Class MB and MC Vehicles</b>  <b>Be aware that after market tinting may affect the compliance of One Way Vision on these vehicles</b></p>	<p><b>Where OWV can be applied</b></p>
<p style="text-align: center;"><b>4WDs</b></p>  <p style="text-align: center;"><b>People Movers</b></p> 	 <p>Entire rear side and rear windows behind the driver,  <b>but only AUTOVUE or SUPERVUE</b></p>  <p>Front windscreen  100mm top/bottom, 50mm left/right edges</p>  <p>Front side windows  100mm bottom, 50mm top/left/right edges</p> <p><b>PLEASE NOTE:</b> We recommend application of One Way Vision onto <b><u>fixed windows only</u></b>. We do not recommend application to moveable windows.</p>

Table 4 - Vehicles windows in which no minimum VLT is specified

Class MD, ME and N Vehicles Be aware of emergency exit rules	Where OWV can be applied
<p><b>Vans</b></p> 	<p><b>REAR</b></p>  <p>Entire rear windows</p>
<p><b>Utes</b></p> 	
<p><b>Buses</b></p>  	<p><b>FRONT</b></p>  <p>Front windscreen 100mm top/bottom, 50mm left/right edges</p>
	<p><b>SIDE</b></p> 



## Campervans



Plus Trucks  
Stretched Limousines  
Tractors  
Cranes  
Hearses  
Military

Front side (driver and passenger) windows  
100mm bottom, 50mm top/left/right  
edges

and

Entire rear side windows behind the driver

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One Way Vision onto **fixed windows only**. We do  
not recommend application to moveable  
windows.