

PFG Automotive Glass

PFG manufactures (OE) Original Equipment, and (ARG) Automotive Replacement Glass to the highest quality, as required by the automotive industry and to accepted international standards.

PFG's automotive glass is available in clear and green tints, ASG I, ASG II and ASG III. The glass is manufactured in stock sheets and various cut sizes, as agreed between PFG and individual customers.

PFG offer a choice of standard thicknesses. Alternative thicknesses can be manufactured to customer requirements and specifications depending on volumes.

Our glass is supplied to OEM automotive glass processors both nationally and internationally.

Our automotive glass is packed and loaded to proven configurations, thereby securing ease of transport and off-loading from containers or trucks.

Glass dimensions

Glass dimensions and diagonal difference as supplied by PFG:

	Sizes	Diagonal differences
Cut sizes and multiples	± 2 mm	≤ 3 mm on glasses < 1500 mm < 6 mm on glasses > 1500 mm



**BUILDING
GLASS**

PFG Building Glass, an ISO 9001 and ISO 14001 accredited company, is Southern Africa's leading manufacturer of high quality float glass, laminated glass products, mirror and patterned glass.

PFG'S AUTOMOTIVE GLASS STANDARD THICKNESSES:

The following thicknesses are offered, with specific tolerances:

Nominal thickness	Upper and lower limits (mm)			
	Clear	ASG I	ASG II	ASG III
1.8 mm	1.75 – 1.85	1.75 – 1.85		
2.1 mm	2.05 – 2.15	2.05 – 2.15	2.05 – 2.15	
2.3 mm		2.25 – 2.35		
2.5 mm	2.45 – 2.55	2.45 – 2.55	2.45 – 2.55	
3.0 mm	2.80 – 3.00			
3.15 mm	3.10 – 3.20	3.10 – 3.20	3.10 – 3.20	
3.20 mm				3.15 – 3.25
3.3 mm		3.25 – 3.35		
3.5 mm	3.45 – 3.55	3.45 – 3.55	3.45 – 3.55	3.45 – 3.55
3.85 mm		3.80 – 3.90	3.80 – 3.90	3.80 – 3.90
4.85 mm		4.80 – 4.90	4.80 – 4.90	

Colour properties and light transmission:

	Thickness (mm)	% Light transmission		Colour data (D65/2°)		
		A/2°	D65/2°	L*	a*	b*
ASG I	1.80	85.0	85.7	94.3	-3.1	0.6
	2.10	84.0	84.7	93.8	-3.4	0.6
	2.30 / 2.50	83.5	84.3	93.6	-3.8	0.7
	3.15	80.2	81.2	92.3	-5.3	0.8
	3.85	77.8	79.3	91.3	-6.4	0.8
	4.85	74.5	76.2	89.9	-7.9	0.9
Tolerance		±1.5	±1.5	±1.5	±1	-0.7 / +1.2
ASG II	2.10	82.9	83.8	93.3	-3.9	0.6
	2.50	81.8	82.2	92.6	-4.5	0.7
	3.15	78.7	80.0	91.5	-5.9	0.8
	3.50	77.6	79.0	91.2	-6.5	0.9
	3.85	76.0	77.7	90.6	-7.0	1.0
	4.85	72.5	74.5	89.1	-8.6	1.3
Tolerance		±1.5	±1.5	±1.5	±1	-0.7 / +1.2
ASG III	3.15	73.5				
	3.50	73.5				
	3.85	71.5				
Tolerance		±1.5				

