

## FILTER CATEGORIES

All sunglasses are attributed to one of five filter categories after how transparent they are. See the table below for the definition of the different categories.

Filter category	Visible light	Absorption	Absorption	Description	Usage
	Transmittance (Tv)	Min-value	Max-value		
0	Tv > 80 %	0 %	< 20 %	Light tint sunglasses	Very limited reduction of sunglare
1	43 % < Tv ≤ 80 %	≥ 20 %	< 57 %	Light tint sunglasses	Limited protection against sunglare
2	18 % < Tv ≤ 43 %	≥ 57 %	< 82 %	General purpose sunglasses	Good protection against sunglare
3	8 % < Tv ≤ 18 %	≥ 82 %	< 92 %	General purpose sunglasses	High protection against sunglare
4	3 % < Tv ≤ 8 %	≥ 92 %	< 97 %	Very dark special purpose sunglasses, very high sunglare reduction	Very high protection against extreme sunglare, e.g. at sea, over snowfields, on high mountains, or in desert

## CATEGORIES FOR OUR FILTERS

In the table below, all of our filter lenses are listed with the filter category it belongs to both with and without polarization.

Filter	Category	Transmittance visible light	Night driving Yes/No
LLR	1	79%	Yes
C1	1	79%	Yes
450	1	77%	Yes
500	1	70%	No
511	1	50%	No
527	1	45%	No
550	2	24%	No
585	2	22%	No
450 Pol 1	2	26%	No
C1 Pol 1	2	27%	No
500 Pol 1	2	26%	No
511 Pol 1	2	19%	No
527 Pol 1	3	12%	No
550 Pol 1	3	9%	No
585 Pol 1	4	6%	No
450 Pol 3	3	13%	No
C1 Pol 3	3	14%	No
500 Pol 3	3	13%	No
511 Pol 3	3	8%	No
527 Pol 3	4	7%	No
550 Pol 3	4	4%	No
585 Pol 3	4	3%	No

