



OPTICAL TRANSMITTANCE PROPERTIES

TRANSMITTANCE DATA SHEET

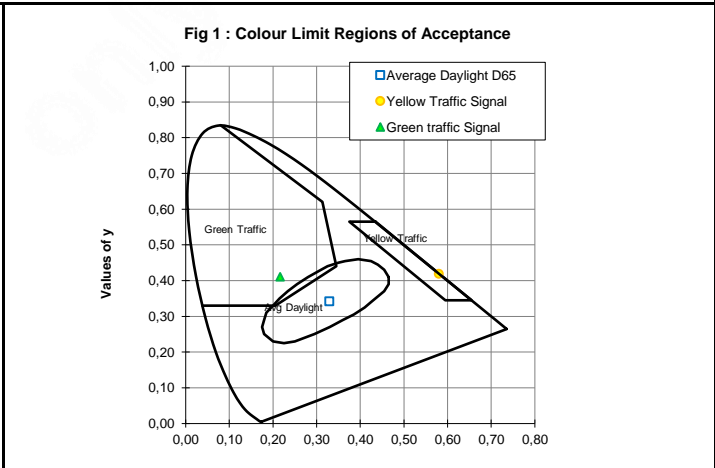
COLOUR CODE: M7770 Grey	LENS MATERIAL: Polycarbonate
LENS TREATMENT: Silver Mir	LENS SIZE: Snow Goggle 188-95-5.2/0D-1.2 Cyl

EUROPEAN STANDARD EN 1836:2005 + A1:2007 (not valid anymore, replaced by ISO 12312-1)				AUSTRALIAN / NEW ZEALAND STANDARD AS/NZS 1067.1:2016			
	CENTER	TOP	BOTTOM		CENTER	TOP	BOTTOM
Luminous Transmittance - D65 (380-780nm)	18,81%			Luminous Transmittance - D65 (380-780nm)	18,81%		
Filter Category	2			Filter Category	2		
Description	Medium tint			Description	Sunglasses		
UV Transmittance (280-380nm)	0,0%			UV Transmittance (280-400nm)	0,0%		
UVA Transmittance (315-380nm)	0,0%			UVA Transmittance (315-400nm)	0,0%		
UVB Transmittance (280-315nm)	0,0%			UVB Transmittance (280-315nm)	0,0%		
Max Spectral Trans (280-315nm)	PASS			Max Spectral Trans (280-315nm)	PASS		
Max Spectral Trans (315-350nm)	PASS						
Max Solar UVA Trans (315-380nm)	PASS			Max Solar UVA Trans (315-400nm)	PASS		
Spectral Transmittance (500-650nm)	PASS			Spectral Transmittance (475-650nm)	PASS		
Solar Blue Light Transmittance (380-500nm)	15,91%			Solar Blue Light Transmittance (380-500nm)	15,91%		
Recognition of signal lights and colours				Recognition of signal lights and colours			
Q Red	PASS			Q Red	PASS		
Q Yellow	PASS			Q Yellow	PASS		
Q Green	PASS			Q Green	PASS		
Q Blue	PASS			Q Blue	PASS		

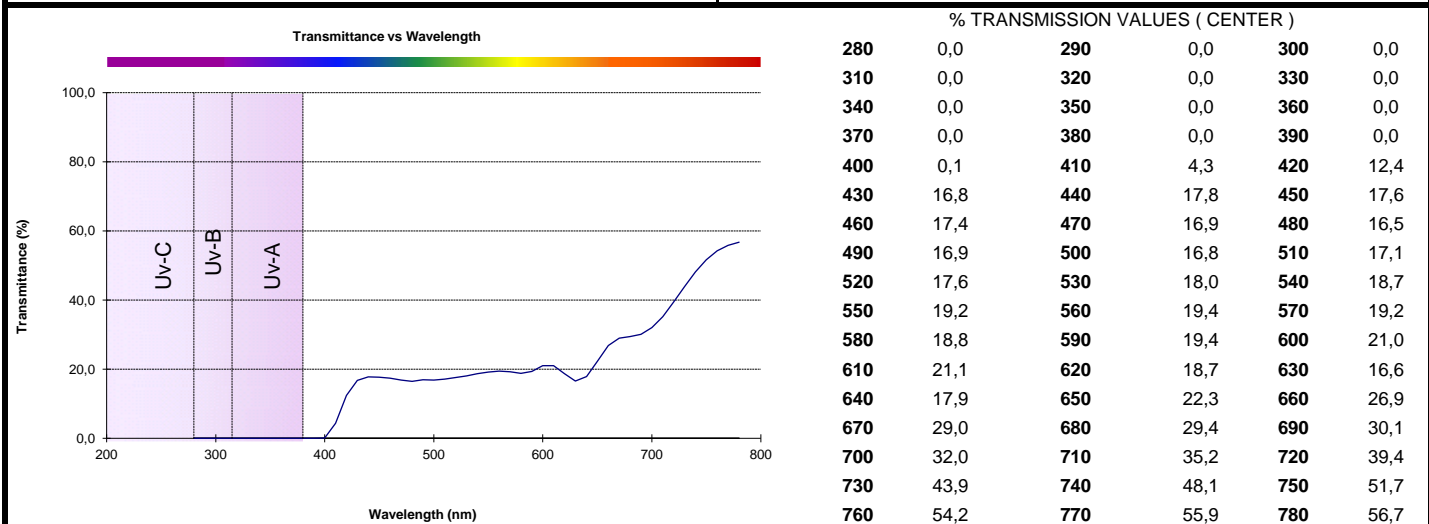
WARNING:

AMERICAN NATIONAL STANDARD - ANSI Z80.3-2018

	CENTER	TOP	BOTTOM
Illuminant C Transmittance (380-780nm)	18,83%		
Primary function:	General Purpose Lens or Shield, medium to dark		
Use:	High and prolonged exposure		
Average UVB (280-315nm)	PASS		
Average UVA (315-380nm)	PASS		
Spectral Transmittance (475-650nm)	PASS		
Solar Blue Light Transmittance (380-500nm)	15,91%		
Traffic Signals Transmittance			
Red signal transmittance	PASS		
Yellow signal transmittance	PASS		
Green signal transmittance	PASS		
Color Distortion			
D65	PASS		
Yellow	PASS		
Green	PASS		



WARNING:



Notes: Reference point --> Geometrical centre



OPTICAL TRANSMITTANCE PROPERTIES

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EN ISO 12312-1:2013/A1:2015

COLOUR CODE:

M7770 Grey

LENS MATERIAL:


Polycarbonate

LENS SIZE:

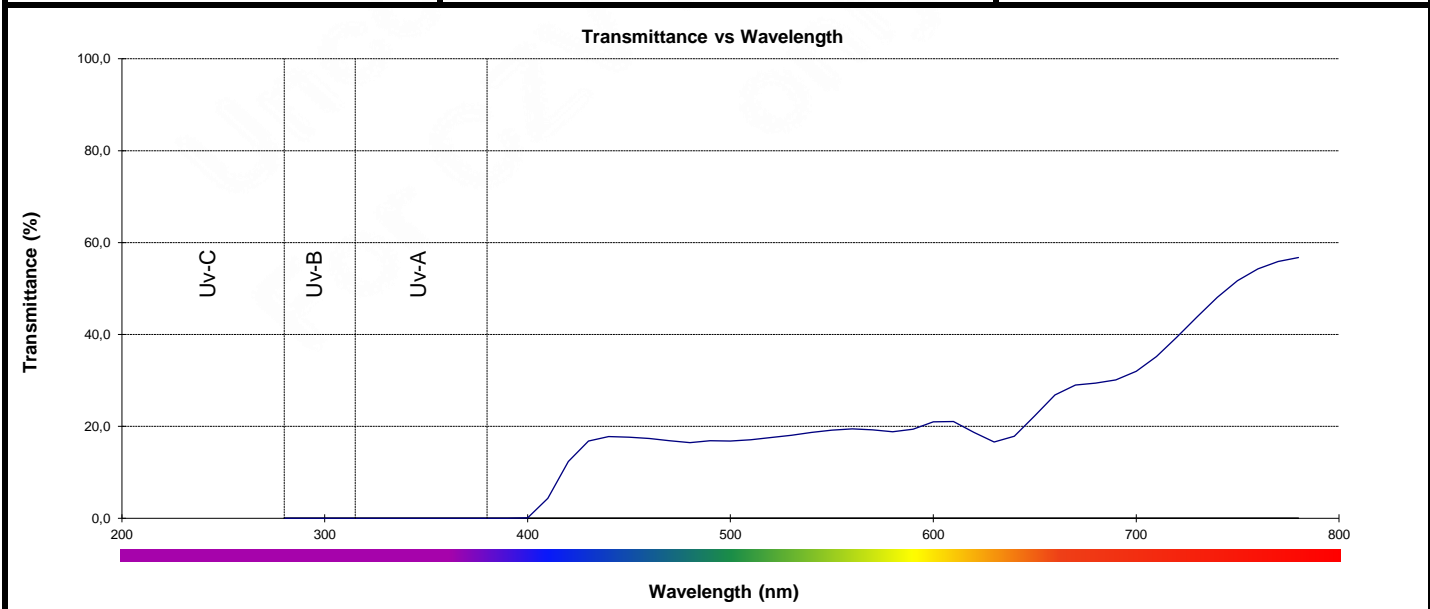
Snow Goggle 188-95-5.2/0D-1.2 Cyl

LENS TREATMENT:

Silver Mir

	CENTER	TOP	BOTTOM	INFORMATION AND LABELLING	
Luminous Transmittance - D65 (380-780nm)	18,81%			Filter Category	2
UV Transmittance (280-380nm)	0,0%			Description	General purpose sunglasses
UVB Transmittance (280-315nm)	PASS			Usage	Good protection against sunglare
UVA Transmittance (315-380nm)	PASS			Symbol	
Spectral Transmittance (475-650nm)	PASS				
Solar Blue Light Transmittance (380-500nm)	15,91%			<p>Not for direct observation of the sun</p> <p>Not for protection against artificial light sources e.g. solaria</p> <p>Not for use as eye protection against mechanical impact hazards</p> <p>WARNING: Not suitable for driving in twilight or at night</p>	
Recognition of signal lights and colours					
Q Red	PASS				
Q Yellow	PASS				
Q Green	PASS				
Q Blue	PASS				

Illuminant D50				Illuminant D65				Illuminant F11			
x	0,36	L*	50,57	x	0,33	L*	50,46	x	0,39	L*	50,90
y	0,37	a*	2,02	y	0,34	a*	1,37	y	0,39	a*	1,12
z	0,27	b*	4,50	z	0,33	b*	4,52	z	0,22	b*	4,34



% TRANSMISSION VALUES (CENTER)													
280	0,0	355	0,0	430	16,8	505	16,9	580	18,8	655	24,8	730	43,9
285	0,0	360	0,0	435	17,5	510	17,1	585	18,9	660	26,9	735	46,0
290	0,0	365	0,0	440	17,8	515	17,3	590	19,4	665	28,3	740	48,1
295	0,0	370	0,0	445	17,8	520	17,6	595	20,2	670	29,0	745	50,0
300	0,0	375	0,0	450	17,6	525	17,8	600	21,0	675	29,3	750	51,7
305	0,0	380	0,0	455	17,5	530	18,0	605	21,4	680	29,4	755	53,1
310	0,0	385	0,0	460	17,4	535	18,4	610	21,1	685	29,7	760	54,2
315	0,0	390	0,0	465	17,2	540	18,7	615	20,1	690	30,1	765	55,2
320	0,0	395	0,0	470	16,9	545	19,0	620	18,7	695	30,9	770	55,9
325	0,0	400	0,1	475	16,5	550	19,2	625	17,4	700	32,0	775	56,4
330	0,0	405	1,1	480	16,5	555	19,3	630	16,6	705	33,4	780	56,7
335	0,0	410	4,3	485	16,7	560	19,4	635	16,7	710	35,2		
340	0,0	415	8,9	490	16,9	565	19,4	640	17,9	715	37,2		
345	0,0	420	12,4	495	16,9	570	19,2	645	19,8	720	39,4		
350	0,0	425	14,7	500	16,8	575	19,0	650	22,3	725	41,7		

Notes: Reference point --> Geometrical centre