


OPTICAL GLASS LENS

● **HF Rosso SH 1 - AR 99 cc**
H2F Standard glass lenses

Base:	6	Coating:	AR 99 cc
Thickness:	1.9 mm	Polarization Ratio:	0,00% (min 4:1)
Hardening:	Chemically	Degree of Polarization:	0,00
Optical Centre:	Centre	Reflection factor:	PASS 1,47% (max 2.5%)
		Photochromic Ratio:	0,00%
		Photochromic Interval:	0,00

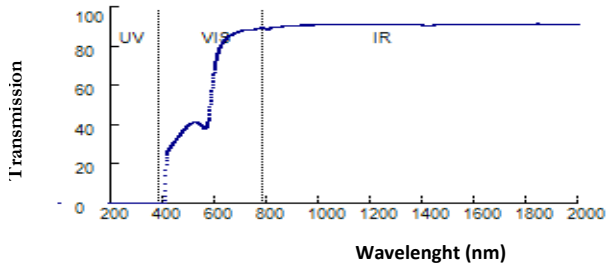
This sunglare filter is conform to the following International Norm:

European Norm: ISO 12312-1 2013		Filter Category: 1	Light tint
TV (mean 380 ÷ 780 nm)	49,18%		NO IR PROTECTION
TSB (mean 380 ÷ 500 nm)	32,36%		
TSIR (mean 780 ÷ 2000 nm)	90,95% (max TV)		
TSUV (mean 280 ÷ 380 nm)	0,00%		
TSUVA (mean 315 ÷ 380 nm)	0,00% (max Tv)	49,18%	PASS
TSUVB (mean 280 ÷ 315 nm)	0,00% (max 0,05 TV)	2,45%	PASS
TVIS (peak min 475 ÷ 650 nm)	37,20% (min 0,2 Tv)	9,83%	PASS
Qgreen	0,85 (min. = 0,60)		PASS
Qyellow	1,17 (min. = 0,60)		PASS
Qred	1,59 (min. = 0,80)		PASS
Qblue	0,85 (min. = 0,60)		PASS

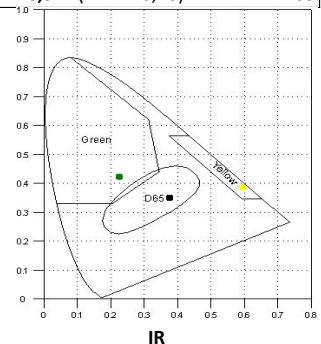
Suitable for driving and road use - Not suitable for driving at night or under condition of dull light

American Norm: ANSI Z80.3-2010		Primary function and shade cosmetic			
TV (mean 380 ÷ 780 nm)	49,29% (40<=Tv<100)	PASS	Light		
TSB (mean 380 ÷ 500 nm)	32,36%		Color limits:		
TSUVB (mean 280 ÷ 315 nm)					
	normal use	0,00% (<=1/8Tv)	6,16%	PASS	Chromaticity (D65)
	high and prolonged exposure	0,00% (max 1%)	0,49%	PASS	Yellow traffic signals x=0,6116 y=0,3875
TSUVA (mean 315 ÷ 380 nm)					Green traffic signals x=0,2308 y=0,4241
	normal use	0,00% (max Tv)	49,29%	PASS	Traffic signal transmittance:
	high and prolonged exposure	0,00% (max 0.5 Tv)	24,64%	PASS	Red signal 83,39% (>= 8%)
TSIR (mean 780 ÷ 1400 nm)	90,82% No requirement			PASS	Yellow signal 59,32% (>= 6%)
TVIS (peak min 475 ÷ 650 nm)	37,20% (min 0,2 Tv)	9,83%		PASS	Green signal 42,19% (>= 6%)

Australian Norm: AS/NZS 1067:2009		Filter Category: 1	Limited sunglare reduction
TV (mean 380 ÷ 780 nm)	49,18%		Not Suitable for driving at night
TSB (mean 380 ÷ 500 nm)	32,36%		
TSIR (mean 780 ÷ 2000 nm)	90,95%		
TSUV (mean 280 ÷ 400 nm)	0,00%		
TSUVA (mean 315 ÷ 400 nm)	0,00% (max Tv)	49,18%	PASS
TSUVB (mean 280 ÷ 315 nm)	0,00%	2,45%	PASS
TSUVB1 (peak max 315 ÷ 350 nm)	0,00% (max Tv)	49,18%	PASS
TVIS (peak min 450 ÷ 650 nm)	32,93%	9,83%	PASS
			Qgreen 0,85 (min. = 0,60) PASS
			Qyellow 1,21 (min. = 0,80) PASS
			Qred 1,59 (min. = 0,80) PASS
			Qblue 0,91 (min. = 0,70) PASS



D65 : x=0,3879
y=0,3516
C : x=0,3856
y=0,3414



Spectral Data:

UV				VIS				IR					
nm	%	nm	%	nm	%	nm	%	nm	%	nm	%	nm	%
200	0,00	300	0,00	390	0,00	490	39,40	590	62,96	690	87,78	800	89,00
210	0,00	310	0,00	400	0,01	500	40,49	600	71,99	700	88,20	850	90,32
220	0,00	320	0,00	410	22,08	510	41,19	610	77,24	710	88,51	900	90,93
230	0,00	330	0,00	420	27,73	520	41,50	620	80,49	720	88,79	950	91,07
240	0,00	340	0,00	430	29,51	530	41,29	630	82,58	730	88,72	1000	91,13
250	0,00	350	0,00	440	31,23	540	40,68	640	84,06	740	88,39	1050	91,24
260	0,00	360	0,00	450	32,94	550	39,21	650	85,26	750	88,60	1100	91,33
270	0,00	370	0,00	460	34,68	560	38,05	660	86,09	760	89,23	1150	91,39
280	0,00	380	0,00	470	36,38	570	40,73	670	86,75	770	89,62	1200	91,47
290	0,00			480	37,99	580	50,58	680	87,30	780	89,63		

Data subject to change without notice


Responsible Alfonso De Luca