



FINISHED
ORGANIC LENSES
TECHNICAL DATA

FSV ORGANIC CLEAR
INDEX 1.6 PREMIUM HIGH-TECH
HC

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HC

GENERAL PRODUCT CHARACTERISTICS	
INDEX	1,6
MATERIAL	MR-8
DESIGN	spheric
ABBE	42
DENSITY (gr/cm ³)	1,3
COATING	Hardcoat
UV CUT (nm)	420
FILTER UV CATEGORY	0
DAY DRIVE	yes
NIGHT DRIVE	yes
TINTABLE	no
BAYER TEST	

LTL FAMILY

UV6

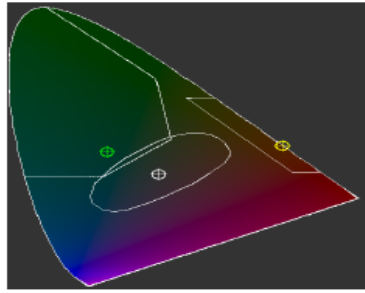
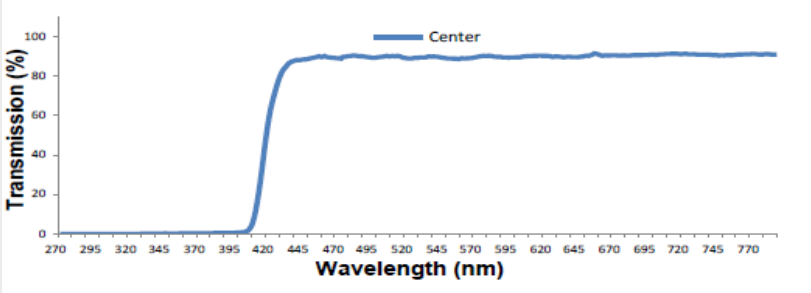
Lenses Dimensions

SPH	Ø 65 mm			
	C.T.	E.T.	BASE CURVE	
			N _e =1.60	
			F.C.	B.C.
0,25	1,80	1,50	2,05	1,80
0,50	2,00	1,50	2,30	1,80
0,75	2,20	1,50	2,55	1,80
1,00	2,40	1,50	2,80	1,80
1,25	2,30	1,10	3,05	1,80
1,50	2,50	1,10	3,30	1,80
1,75	2,70	1,10	3,55	1,80
2,00	3,00	1,10	3,80	1,80
2,25	3,20	1,10	3,15	0,90
2,50	3,40	1,10	3,40	0,90
2,75	3,60	1,10	3,65	0,90
3,00	3,80	1,10	3,90	0,90
3,25	4,00	1,10	4,15	0,90
3,50	4,30	1,10	4,40	0,90
3,75	4,50	1,10	4,65	0,90
4,00	4,70	1,10	4,90	0,90
4,25	4,90	1,10	5,15	0,90
4,50	5,10	1,10	5,40	0,90
4,75	5,40	1,10	5,65	0,90
5,00	5,60	1,10	5,90	0,90
5,25	5,80	1,10	6,15	0,90
5,50	6,00	1,10	6,40	0,90
5,75	6,20	1,10	6,65	0,90
6,00	6,40	1,10	6,90	0,90

SPH	Ø 70 mm			
	C.T.	E.T.	BASE CURVE	
			N _e =1.60	
			F.C.	B.C.
0,00	2,20	1,90	4,75	4,50
0,25	1,90	1,40	5,00	4,50
0,50	2,00	1,20	5,25	4,50
0,75	2,10	1,10	5,50	4,50
1,00	2,40	1,10	5,75	4,50
1,25	2,70	1,10	6,00	4,50
1,50	2,90	1,10	6,25	4,50
1,75	3,20	1,10	6,50	4,50

SPH	Ø 70 & 75 mm			
	C.T.	E.T.	BASE CURVE	
			N _e =1.60	
			F.C.	B.C.
0,00	1,90	1,90	4,50	4,50
0,25	1,80	2,20	4,25	4,50
0,50	1,70	2,40	4,00	4,50
0,75	1,70	2,70	3,75	4,50
1,00	1,60	2,90	3,50	4,50
1,25	1,50	3,30	3,75	5,00
1,50	1,40	3,50	3,50	5,00
1,75	1,15	3,60	3,25	5,00
2,00	1,15	3,90	3,00	5,00
2,25	1,15	3,80	3,25	5,50
2,50	1,15	4,10	3,00	5,50
2,75	1,15	4,40	2,75	5,50
3,00	1,15	4,70	2,50	5,50
3,25	1,15	5,00	2,75	6,00
3,50	1,15	5,30	2,50	6,00
3,75	1,15	5,60	2,25	6,00
4,00	1,15	6,10	2,00	6,00
4,25	1,15	6,20	2,50	6,75
4,50	1,15	6,60	2,25	6,75
4,75	1,15	6,90	2,00	6,75
5,00	1,15	7,30	1,75	6,75
5,25	1,15	7,60	2,00	7,25
5,50	1,15	7,90	1,75	7,25
5,75	1,15	8,20	1,50	7,25
6,00	1,15	8,50	1,25	7,25
6,25	1,15	8,00	2,15	8,40
6,50	1,15	8,30	1,90	8,40
6,75	1,15	8,50	1,65	8,40
7,00	1,15	8,70	1,40	8,40
7,25	1,15	9,10	1,15	8,40
7,50	1,15	9,30	0,90	8,40
7,75	1,15	9,90	1,90	9,65
8,00	1,15	10,10	1,65	9,65
8,25	1,15	10,40	1,40	9,65
8,50	1,15	10,60	1,15	9,65
8,75	1,15	11,00	0,90	9,65
9,00	1,15	11,20	0,65	9,65
9,25	1,15	11,50	1,50	10,75
9,50	1,15	11,90	1,25	10,75
9,75	1,15	12,20	1,00	10,75
10,00	1,15	12,50	0,75	10,75

Lab Test

American National Standard ANSI Z80.3-2018	International Standard ISO 12312-1:2013/Amd.1:2015	Australian/New Zealand Standard AS/NZS 1067.1:2016																																																								
<p>Luminous Transmittance <input type="text" value="89.67"/> %</p> <p>Primary Function <input type="text" value="Cosmetic lens or shield, light"/></p> <p>Warnings <input type="text"/></p>	<p>Luminous Transmittance (Tv) <input type="text" value="89.67"/> %</p> <p>Filter Category <input type="text" value="0"/></p> <p>Descriptive Label <input type="text" value="Light tint sunglasses"/></p> <p>Warnings <input type="text"/></p>	<p>Luminous Transmittance (Tv) <input type="text" value="89.67"/> %</p> <p>Filter Category <input type="text" value="0"/></p> <p>Descriptive Label <input type="text" value="Light tint sunglasses"/></p> <p>Warnings <input type="text"/></p>																																																								
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Additional required information
This is not suitable for:

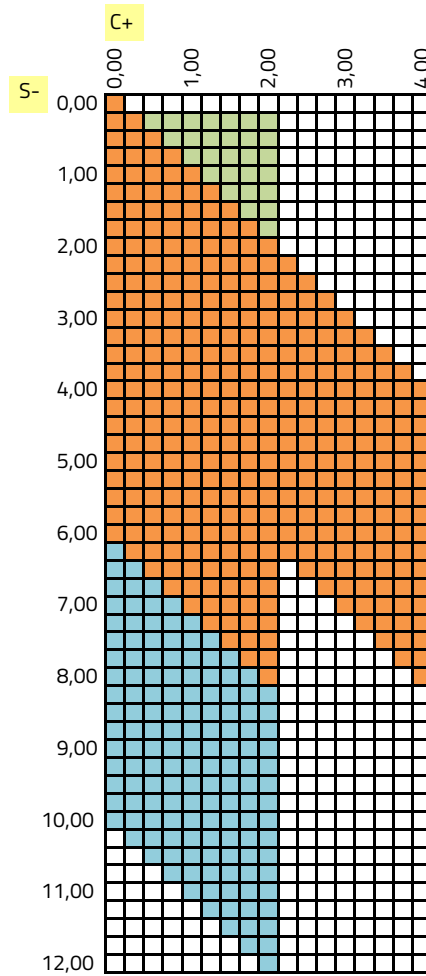
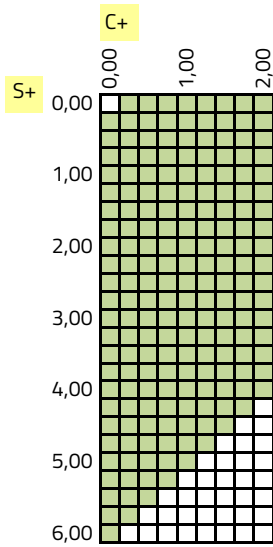
- direct viewing of the sun
- for use in twilight or at night
- protection against sources of radiation other than natural sunlight

Spectral Transmittance

Transmittance values:

L	Center	L	Center	L	Center	L	Center
270	0.01	400	0.7	530	89.57	660	90.79
275	0	405	1.31	535	89.82	665	90.5
280	0	410	8	540	90.03	670	90.63
285	0	415	28.72	545	89.58	675	90.45
290	0	420	55.38	550	89.07	680	90.49
295	0	425	71.54	555	88.89	685	90.78
300	0	430	81.85	560	89.14	690	90.73
305	0	435	86.58	565	89.15	695	90.8
310	0	440	88.24	570	89.66	700	90.87
315	0	445	88.56	575	90.4	705	91.25
320	0	450	88.88	580	90.45	710	91.38
325	0	455	89.77	585	89.85	715	91.37
330	0.08	460	89.86	590	89.54	720	91.3
335	0.13	465	89.51	595	89.49	725	91.07
340	0.17	470	89.51	600	89.69	730	91.09
345	0.18	475	90.03	605	89.96	735	91
350	0.14	480	90.34	610	90.24	740	90.91
355	0.2	485	90.29	615	90.44	745	90.61
360	0.31	490	89.97	620	90.39	750	90.57
365	0.27	495	89.51	625	89.97	755	90.68
370	0.27	500	89.74	630	90.02	760	91.11
375	0.34	505	90.26	635	89.76	765	91.15
380	0.35	510	90.34	640	89.76	770	91.36
385	0.47	515	90.25	645	89.86	775	90.95
390	0.51	520	89.24	650	90.48	780	91.35
395	0.48	525	88.11	655	91.23	785	91.01

Ranges



- dia 70
- dia 65
- dia 75