

COSMOLIT FREE AND PERFALIT FREE.

The Proven Single Vision Lenses.

Very precise HEP front curves that lead to exceptional optical properties.

FEATURE:

- Freeform technology
- Available as photochromic lenses

LENS DATA:

Cosmolit / Perfalit	Cosmolit Free	Perfalit Free
Brand engraving	R	R
Necessary order parameters		
Refraction data	far value	
Optional order parameters/product data		
Frame-/Centering data	√	√
Technical details		
• Adaptation towards the postulation of the eye's centre of rotation		

TECHNICAL DETAILS:

	Ranges from	Ranges to	cyl
1.74	-12.00	+12.00	+4.00
1.67 ColorMatic IQ	-12.00	+12.00	+4.00
1.67	-12.00	+12.00	+4.00
1.6 ColorMatic IQ	-10.00	+10.00	+4.00
1.6 ColorMatic IQ Sun	-10.00	+10.00	+4.00
1.6	-10.00	+10.00	+4.00
1.59 Polycarbonate	-10.00	+10.00	+4.00
1.54 ColorMatic IQ	-10.00	+10.00	+4.00
1.50	-8.00	+10.00	+4.00

All ranges shown have a max. diameter of 70 mm. Deviation causes a change of +/-2,00D.

*only for Cosmolit

MATERIAL FACTS:

	Refractive index n _e	Abbè No., v _e	Density ρ (g/cm ³)	100% UV protection up to*	Tints
1,74	1.668	31.4	1.37	400	Brown, grey 8 - 85%
1.67 CM IQ	1.668	31.4	1.37	400	Brown, grey 8 - 85%
1.67	1.668	31.4	1.37	400	
1.6 CM IQ	1.597	40.5	1.30	400	Brown, green, grey 8 - 85%
1.6 CM IQ Sun	1.597	40.5	1.30	400	Brown, green, grey 8 - 85%
1.60	1.597	40.5	1.30	400	
1.59	1.591	29.8.3	1.20	380	
1.54 CM IQ	1.536	43.3	1.21	400	Brown, grey 85%
1.5	1.502	58.2	1.32	350	

*Data as per DIN EN ISO for an untreated lens without any coating



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The Proven Single Vision Lenses.



Highly engineered single vision lenses adapted for the usage of HEP blanks for better vision quality. Rodenstock single vision Perfalit and Cosmolit lenses have proven their quality millions of times.

BENEFITS:

- Optimized for free form generation
- Improved optical performance due to optimized power range within every base curve
- Exceptional price/performance ratio and security of a known brand
- Easy handling: no consideration of individual parameters

Cosmolit Free

TECHNOLOGY & DESIGN:

- Perfectly balanced thin geometry and optical performance according to the Rodenstock design philosophy
- Height and bend comparable to conventional Cosmolit lenses and Perfalit lenses
- Produced with Rodenstock HEP semi-finished lenses
- Spherical front surface, Aspherical/atoric back surface
- Rotationally symmetric
- Finely stepped base curve system

Perfalit Free

TECHNOLOGY & DESIGN:

- Rotationally symmetric
- Produced with Rodenstock HEP semi-finished lenses
- Spherical front surface, spherical/toric back surface
- Finely stepped base curve system
- Optimized for power ranges within every base curve