

NoIR Medical Technologies

Suggested applications for UV and IR Shields

UV shields
100% UV blocker up to 400nm

IR Shields
100% UV and IR blocker

Post-operative Cataract, Excimer, RK en Lasik

for moderate glare control and everyday comfort

color 21 - 32% Medium Gray	color 01 – 10% Medium Amber
color 22 - 13% Dark Gray	color 02 – 18% Medium Gray/Green
color 32 - 10% Medium Gray/Green	
color 40 - 16% Medium Amber	

Macular Degeneration

for glare control and higher contrast

color 68 – 52% Light Orange	color 11 – 40% Light Amber
color 63 – 4% Dark Orange	color 51 – 40% Light Yellow
	color 55 – 14% Medium Yellow
	color 65 – 14% Medium Orange

Retinitis Pigmentosa

for extreme light sensitivity, glare control and higher contrast

color 23 – 4% Dark Gray	color 01 – 10% Medium Amber
color 43 – 4% Dark Amber	color 07 – 2% Dark Amber
color 60 – 49% Medium Orange	color 65 – 14% Medium Orange

Diabetic Retinopathy

for higher contrast and everyday comfort

color 22 – 13% Dark Gray	color 01 – 10% Medium Amber
color 32 – 10% Medium Green	color 02 – 18% Medium Gray/Green
color 40 – 16% Medium Amber	
color 81 – 20% Purple	
color 47 – 40% Topas	

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Suggested applications for UV and IR Shields

UV shields 100% UV blocker up to 400nm	IR Shields 100% UV and IR blocker
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Night-blindness	
for superior clarity and glare control	
color 50 – 54% Medium Yellow	color 51 – 40% Light Yellow

Achromatopsy	
for stimulation of the rods	
color 90 – 45% Medium Red	color 95 – 14% Medium Red
color 93 – 4% Dark Red	
color 26 – 75% Blue	

Pre-Cataract	
for superior clarity and glare control	
color 50 – 54% Medium Yellow	color 11 – 40% Light Amber
color 68 – 52% Light Orange	color 61 – 40% Light Orange

Glaucoma	
for glare control en everyday comfort	
color 21 – 32% Medium Gray	color 12 – 40% Light Gray/Green
color 22 – 13% Dark Gray	color 01 – 10% Medium Amber
color 81 – 20% Medium Purple	color 02 – 18% Medium Gray/Green
color 40 - 16% Medium Amber	
color 50 – 54% Medium Yellow	

Sun, Ski and Sport	
for glare control, higher contrast and everyday comfort	
color 40 – 16% Medium Amber	color 01 – 10% Medium Amber
color 50 – 54% Medium Yellow	color 11 – 40% Light Amber
color 60 – 49% Medium Orange	