





## Indications For Use of Press-On Prisms


### Ocular Motility Disorders

- **Strabismus**
- [Diplopia](#)
- [Phorias](#)

### [Other Medical Indications for Press-On Prisms](#)

Ocular Motility Disorders					
Condition	Relevant Issues	Function of 3M Press-On Prism	Suggested Use of 3M Press-on Prisms		
<b>STRABISMUS</b>					
Early onset strabismus	Surgical over- and under-correction is a common problem.	Preoperative prism adaptation enhances surgical outcome or establishes fusion non-surgically.	To obtain presurgical fusion without the weight, thickness, and inconvenience of conventional prisms.	To provide a fusion lock and stability for post-surgical residual deviations.	
Mild Amblyopia	Requires early intervention to avoid progression.	Applied over the preferred eye as a weak patch.	Small image degradation of prism serves as weak occluder.	Prism blurs visual acuity in dominant eye	
Nystagmus	Can allow the patient to assume a more normal head position to find the null point of the nystagmus.	Prisms with the base away from the direction gaze preference can allow the eyes to rotate into position without a large head turn.	Redirects the visual gaze toward the field of minimal tremor.	Requires placement of prisms over both lenses. In absence of strabismus, the power needs to be matched.	
Inoperable strabismus	Fragile health or patient concerns may delay or preclude surgery.	Provides cosmetic improvement by shifting the apparent position of the eye in a desirable direction.	For cosmetic improvement of certain tropias with an inverse prism applied before the deviating eye (e. g., base-in prism for esotropia).	For constant or intermittent tropias where surgery is not contemplated and binocular fusion is not possible.	

## Indications For Use




<p>Incomitant strabismus</p>	<p>Deviation varies with gaze direction</p>	<p>Applied over part of a lens to allow correction in specific gaze positions.</p>	<p>For incomitant strabismus, which demands different prism power in certain fields of gaze.</p>	<p>Prisms can be easily cut and placed on spectacles for correction where needed</p>	
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<b>DIPLOPIA*</b>	Associated with several health issues, I.e. including mechanical restrictions, neurologic disorders (nerve palsies), poststroke skew deviation, postretinal detachment, scleral buckles, thyroid ophthalmology, injuries such as blowout fractures and brain injuries		
3rd, 4th, and 6th nerve palsies	May recover with time.	Allows binocularity during recovery period. May be changed as muscle function returns.	To eliminate diplopia resulting from recent-onset strabismus (e. g., stroke, ocular muscle paresis, systemic disease). 
Following cataract surgery	Diplopia	Temporary correction until eye alignment stabilizes. In cases with small deviations, a Press-On Prism is an inexpensive therapy, even as a permanent choice.	The flexibility of the prism allows for correction even in one gaze position. Also allows easy changes with improvement. 
Myasthenia Gravis, Multiple Sclerosis, Graves Disease	Prism requirements vary with disease progression	Corrects variable diplopia. Prism can be applied at an oblique angle to correct horizontal and vertical diplopia.	Patient can be instructed to select from a variety of prism powers (cut in advance) based on daily needs. Gives patient control of their medical situation, and greater freedom from symptoms. 


\*Note: For correction of certain types of diplopias, you have the choice of applying different strength optics to each spectacle lens. In conditions such as nerve palsies, this adjustment is necessary to address down-gaze or lateral gaze.

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<b>PHORIAS</b>				
Symptomatic or Decompensated phorias	Fusion disruption causes eyes to deviate	Promotes fusion, Reduces deviation.	For symptomatic phorias with different distance and near angles, apply prism to upper and/or lower portions of spectacle lenses.	

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Bed- ridden patients	Cannot elevate head to read or watch television	Base-down prisms on both lenses change image's angle	Apply 30* prism base down to each spectacle lenses.	
Ankylosing spondylitis other postural deformities	Limited head movement	Prisms change image's angle	Apply prism base up to spectacle lens	