VISION CORRECTION

50 SERIES ASSEMBLY, FM12 MONOCLES AND MITR-PG1 FRAME

Avon Protection's vision correction options allow for prescription lenses to be fitted to Avon Protection's full-face gas masks and the MITR-PG1 Powered Goggle. Many users who wear glasses require some form of vision correction while using a respirator or goggle.

Mission-critical confidence starts with clear vision. Vision correction enables:

- Users requiring glasses to maintain clear sight picture whilst wearing a full-face gas mask, or MITR-PG1 Powered Goggle, supporting faster decision-making, enhanced situational awareness, and operational effectiveness.
- Accurate use of weapon sights, helping maintain performance when operating in contaminated environments.

VISION CORRECTION ASSEMBLY

The unique design allows for prescription lenses to be fitted to the 50 Series masks ranging from -10.00 to +8.00 Diopters in power. Flexible design allows assembly to fold inside the mask and lens height can be easily adjusted without need for special tools. For safety reasons in case of an extreme ballistic impact, it is recommended that the Clear Outsert (70501/156) be worn with the 50 Series masks when wearing corrective lenses.

MITR-PG1 VISION CORRECTION FRAME

The unique design allows for prescription lenses to be fitted to the MITR-PG1 Powered Goggle, ranging from -8 to +10 Diopters in power.

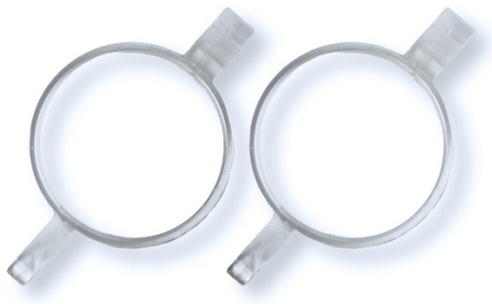
FM12 LEFT & RIGHT MONOCLE

Provides prescription optical-correction for wearer. The monocle is easily fitted behind the lens in the mask.



Vision Correction Assembly

MITR-PG1 Vision Correction Frame



FM12 Left & Right Monocle

Continued overleaf…

AVON PROTECTION

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For further information or frequently asked questions, please visit our Help Desk at **support.avon-protection.com**

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COMPATIBILITY

Item	Part Number	PC50	C50	FM50	FM53	FM54	HM50	FM12	MITR-PG1
Vision Correction Assembly	70501/155	■	■	■	■	■	■		
Clear Outsert Assembly	70501/156	■	■	■	■	■	■		
FM12 Tinted Outserts (Pair of)	SP70007/21							■	
FM12 Left & Right Monocle (Pair of)	70502/189							■	
MITR-PG1 Vision Correction Frame	608618								■

SPECIFICATION

	50 Series Vision Correction Assembly	MITR-PG1 Vision Correction Frame	FM12 Left & Right Monocles
Power	-10.00 dioptres to +8.00 dioptres and astigmatic powers up to 2.50 dioptres	-10.00 dioptres to +8.00 dioptres and astigmatic powers up to 2.50 dioptres	Contact Customer Service
Lens size*	Width: 46 mm (1.8 in) Height: 37 mm (1.5 in) Diagonal: 50 mm (2.0 in)	Width: 50 mm (1.9 in) Height: 34 mm (1.3 in) Diagonal: 57 mm (2.2 in)	
Panascopic tilts	No greater than 15 degrees	Not applicable	
Face form angles (measured at 64 mm / 2.5 in inter-pupillary distance)	No greater than 20 degrees (10 degrees per lens)	Not applicable	
Typical Weight (excluding lenses)	~8 g (0.02 lb)	~4 g (0.009 lb)	
Vertical position adjustments	by ±10 mm / 0.4 in (to suit the user)	Not applicable	

* Based on the smallest lens size used for standard military corrective (prescription) lenses.

AVONPLUS+

PROTECTION BEYOND THE PRODUCT

AVONPLUS is Avon Protection's suite of aftermarket product training and service programs to ensure you remain protected, confident, and compliant.

For further information please visit: **avon-protection.com/avonplus**

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