

279 & 279XT SMOKE SPEC PLUNGER



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The 279 Smoke Spec Plunger is a prescription spectacle insert specifically designed to allow firefighters, hazmat and industrial workers to quickly insert prescription lenses into their full face respirator mask to attain normal vision while working in hazardous environments. The 279 Smoke Spec prescription spectacle insert is securely attached to the inner surface of the mask's face piece lens via a suction cup and can be easily inserted and removed from the mask at the user's discretion. The same prescription powers used in habitually worn glasses can be used in the Smoke Spec insert (single or bifocal vision).

Instructions for Proper Placement of Frame in Mask

The corrected 279 Smoke Spec Plunger is attached onto the inner surface of the mask's face piece lens via a suction cup. The spectacle insert should be positioned so that the user looks through the centers of the prescription lenses. A properly positioned frame should not make contact with the user's face. Always moisten the inside of the suction cup prior to positioning it on the face plate lens and ensure that all contact surfaces are clean to facilitate proper adhesion. To change the frame's pantoscopic angle or tilt before the eyes, manually bend the frame carrier forward or backward at the 'living hinge' (see attached figure). The front of the frame should be angled so that the distance of the rx lenses from the user's eyes is approximately 14 mm.



The 279 Smoke Spec Plunger is designed to be used in all but the very deepest fullface respirator masks. The uniquely designed frame carrier allows for adjustability of the suction cup assembly (by turning clockwise or counterclockwise, as required) so that the visually corrected frame can be positioned on the face piece lens at the proper distance from the user's eyes (approximately 14 mm). For very deep respirator masks, a 279-XT Smoke Spec Plunger is recommended.

Note to Optician

The Smoke Spec frame should be hydrated every six months by soaking in water for 24 hours. This will hydrate the frame and ensure its malleability. The suction cup assembly should be removed prior to submersion.

Scuba Spec Warranty (Excluding Lenses)

Four years against breakage if properly cared for. Proper care entails soaking the frame in water for 24 hours every six months to hydrate the nylon material. The suction cup assembly should be removed prior to submersion.