

EFPR814

Horizon

SMOKE LENS

DESIGNED
TO PROTECT



Features

- ▲ Certified medium impact rated protection to AS/NZS 1337.1:2010
- ▲ Diamond Tech Hardcoat provides extreme scratch resistance and resists acid and solvent degradation
- ▲ HydroTech AF is a washable hydrophilic based coating providing an anti-static finish that repels dusts and particles and prevents fog forming on the lens, the ideal coating for hot and humid conditions
- ▲ Base 9 curve provides excellent optical clarity and an extended wrap for increased side protection
- ▲ Premium non slip TPR is used to create Force360's Comfort Side Arms. This co-moulded feature reduces pressure and wearer fatigue
- ▲ UV400 Polycarbonate lenses offer the wearer the best protection against UVA and UVB damaging rays
- ▲ Durable and resilient polycarbonate lens and sidearm build
- ▲ European fashion inspired design
- ▲ Cushion nose pad for a padded fit

Standards & Certification

Force360 recognise that without product certification by a Notified Body all product performance testing, and adherence to standards claims cannot be independently verified. If they are not as claimed, serious safety implications for the wearer, and legal implications for the supplier and even the employer may arise.

Force360 source their entire range of FPR eye protection from a single manufacturing partner to ensure consistency and reliability of product, but most importantly Force360 have taken the further step of engaging a globally recognised Notified Body to audit and certify both the manufacturing process and the products.

All of Force360's eye protection is certified to the latest AS/NZS eye protection standards.



Specifications

Part No.	EFPR814
Lens Colour	Smoke Lens
VLt Rating	24%
Lens Shade Category	2

Packaging

1 12 144

Alternative Lens Options



EFPR814

Key Technologies



Medium Impact

Certified medium impact rated protection to AS/NZS 1337.1:2010.



Diamond Tech HardCoat

Force360 uses its own Diamond Tech Hardcoat on all FPR lenses. Diamond Tech Hardcoat is extremely scratch resistant and resists acid and solvent degradation as well as scratches from dusts and debris.



HydroTech AF

Force360 uses its HydroTech Anti Fog coating on most FPR safety lenses. HydroTech AF is a washable hydrophilic based coating providing an anti static finish that repels dusts and particles and prevents fog forming on the lens, the ideal coating for hot and humid conditions.



Comfort Side Arms

Premium non slip TPR is used to create Force360's Comfort Side Arms. This co-moulded feature reduces pressure and wearer fatigue..



UV400

UV400 Polycarbonate lenses offer the wearer the best protection against UVA and UVB damaging rays. 100% protection is the standard across the entire Force360 FPR eyewear range.

Radiation Guide

UVA/UVB 280-380nm	UV light rays from the sun are invisible to the eye yet can cause serious damage including corneal blistering, cataracts, premature aging, conjunctivitis and partial blindness
Visible Light 380-780nm	Intense visual bright light can cause retina damage and create visual perception issues
Blue Light 380-500nm	Blue light rays from the sun or artificial lighting like neons, cause eye strain and fatigue. Colours and definition can be adversely affected. In extreme cases blindness can occur
Infra Red Light 780-1400nm	Infra Red rays from the sun or mechanically heat generating applications like gas welding can cause eye dryness and corneal damage, macular degeneration and blindness

Range Specifications

Force360 Code	Product Name	Lens Type	Coating	OC Category	Lens Markings	UV Light Absorption: 280-380nm	Visible Light Transmission: 380-780nm	Blue Light Absorption: 380-500nm	Infrared Light Absorption: 780nm-1400nm
EFPR813	Horizon	clear	AF/HC	0	I00	100%	88%	13%	11.01%
EFPR814	Horizon	smoke	AF/HC	2	I2	100%	24%	76%	45.52%
EFPR815	Horizon	blue mirror	HC	2	I2	100%	19%	86%	34.91%

Eyewear Care

Force360 recommends eyewear is cleaned using Force360's exclusive FogOff non alcohol spec wipe. Part number EFPR950.

Weight



1	2	3	4	5	5+
16g	17-20g	21-25g	26-30g	31-35g	36g+