

**3M**

# Eye Protection

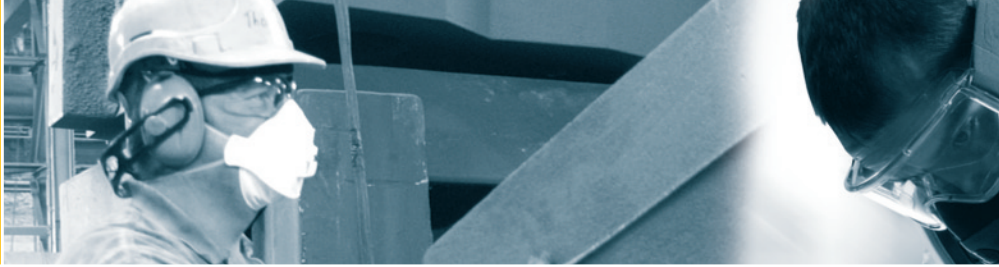


Visibly Better

Eye Protection

**3M**

Protecting you at work,  
at home, for life.



## Visibly Better 3M Professional Eye Protection

To help you make the right choice it is essential that you consider the following:

What kind of hazards do you have in your working environment?

Do you need...

- a combination of PPE (eye, respiratory and head protection)?
- spectacles or goggles?
- protection against chemical splash?
- products that can be easily adjusted to fit different facial shapes?
- tinted lenses?
- protection against fine and large dust particles, gas and vapour as well as molten metal splash?

If you have any further questions, contact our helpline: 0800 3M HELP (0800 364 357).

### Standard Features & Benefits



**Anti-Scratch:** Almost all eyewear features an extremely scratch-resistant coating ensuring improved durability.



**Anti-Fog:** A special coating on almost all eyewear reduces fogging and ensures clearer vision.



**UV Protection:** All eyewear provides reliable protection against specified levels of hazardous UV radiation.

- Impact resistance against low energy high speed particles at extremes of temperature (2790 -medium energy)
- Optical class 1 for high optical clarity and extended wear time
- Lightweight, attractive, modern design

### Optional Features & Benefits



The adjustable temple length offers a secure and comfortable fit to suit the individual.



The temple pivots enable the user to adjust the lens angle providing superior comfort and fit.



The soft temple ends reduce pressure making them extremely comfortable to wear for longer periods of time.

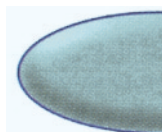


Soft, ventilated nose bridge

### Lens Colours



**Clear Lenses:** Clear lenses provide good mechanical protection as well as high UV protection by filtering the harmful UV rays. The lenses comply with EN170.



**Smoke Lenses:** Smoke lenses comply with EN172 and are sunglare filters. They filter harmful UV rays as well as visible light offering UV and glare protection. They provide good recognition of signal lights. They also provide good mechanical protection.



**Yellow Lenses:** Yellow lenses provide contrast enhancement and offer UV protection to EN170. They also provide good mechanical protection.

### Approvals



All 3M eyewear are CE marked and tested according to EN standards.

## 3M™ Professional Eye Protection Utility Specs & Classic Line

### Cost-effective protection and comfort

3M Classic Line spectacles are lightweight and offer the wearer high levels of comfort together with reliable protection against high speed particles at low energy.

#### 2700 Features & Benefits:

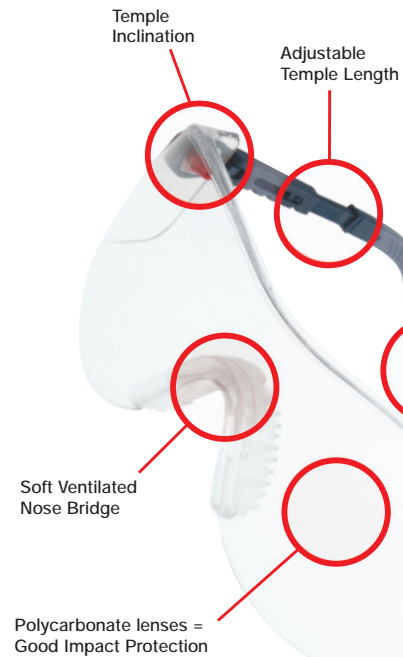


- Polycarbonate lenses for excellent impact protection
- Integral browguard and side shield for increased confidence
- Comfortable
- Can be worn over most prescription spectacles

#### 2720/21/22 Features & Benefits



- Polycarbonate lenses for excellent impact protection
- Extremely light and comfortable
- Slim nose bridge and flat temples for improved compatibility\*
- Sporty and modern design
- Choice of clear/smoke/yellow lenses for suitability in a wider range of environments



#### 2700 Utility Specs

Lens colour Clear  
Lens material Polycarbonate



#### 2720 Classic Safety Eyewear

Lens colour Clear  
Lens material Polycarbonate

#### 2721 Classic Safety Eyewear

Lens colour Smoke  
Lens material Polycarbonate

#### 2722 Classic Safety Eyewear

Lens colour Yellow  
Lens material Polycarbonate



3M 2721



3M 2722

All spectacles comply with the European standard EN166:2001 and are CE marked. See back page for more information. \* See Suggested Combinations.

Ideal for combination  
with 3M™ 9300 series respirator



3M™ Professional Eye Protection  
Premium Line & Comfort Line

Protection, comfort and adjustability

As well as their modern design and high wearer comfort, the spectacles in the Comfort Line provide professional protection and various adjustment options for increased security and comfort.



2730 & 2740/41/42 Features & Benefits



- Polycarbonate lenses for excellent impact protection
- Adjustable temple length (to suit the individual)
- Adjustable lens angle
- Soft, comfortable, ventilated nose bridge (2730)
- Soft temple tips reduce pressure
- Choice of clear/smoke/yellow lenses for suitability in a wider range of environments (2730 in clear only)



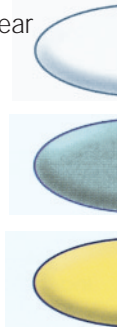
2730 Premium Safety Eyewear  
Lens colour Clear  
Lens material Polycarbonate



2740 Comfort Safety Eyewear  
Lens colour Clear  
Lens material Polycarbonate

2741 Safety Eyewear  
Lens colour Smoke  
Lens material Polycarbonate

2742 Safety Eyewear  
Lens colour Yellow  
Lens material Polycarbonate



All spectacles comply with the European standard EN166:2001 and are CE marked. See back page for more information.



## 3M™ Professional Eye Protection Premium Goggles

### All round protection, comfort, design and compatibility

With superior comfort, field of view and a modern ergonomic design, these goggles offer a high-level of protection, making them ideal for use in extreme conditions against hazards such as particles, liquid droplets, gases and dust.

#### 2790/2790A Features & Benefits



only 2790

- Wraparound design gives an exceptional field of vision
- Sealed design helps provide protection against liquids, dusts, gases & vapours
- Broad, fully adjustable headband for optimum fit and reliable protection
- Polycarbonate lens option for medium energy high speed impact resistance
- Acetate lens has low energy high speed impact resistance
- Acetate lens option for excellent chemical resistance
- Shape & design help provide a comfortable and secure fit
- Can be worn over most prescription spectacles
- Polycarbonate lens option protects against molten metal

Ideal for combination with 3M™ 4000 and 7500 series half masks\*








**Premium Safety Goggles 2790**  
*Lens colour* clear  
*Lens material* Polycarbonate

**Premium Safety Goggles 2790A**  
*Lens colour* clear  
*Lens material* Acetate

All goggles comply with the European standard EN166:2001 and are CE marked. See back page for more information.\* See Suggested Combinations.



# Product Selection Guide

Eyewear		Spectacles				Goggles	
Features	Product	Classic		Comfort	Premium	Premium	
		2700	2720 2721/2722	2740 2741/2742	2730	2790	2790A
							
<b>Technical Features</b>							
Anti-Scratch (AS)		X	X	X	X		
Anti-Fog (AF)		X	X	X	X	X	
Ultra-violet (UV)	X	X	X	X	X	X	
CE Marking	X	X	X	X	X	X	
EN 166:2001	X	X	X	X	X	X	
Impact Resistance	FT	FT	FT	FT	BT	FT	
Resistance against liquid droplets, gas and dust					X	X	
Resistance against molten metal					X		
Frame, temple, headstrap materials	Polycarbonate (PC)	PC	Nylon/TPR	PC/Nylon/PVC PVC/TPR	Polyester/Natural Rubber Latex	PVC	
Lens material	PC	PC	PC	PC	PC	Acetate	
Lenses shades/colours (clear, smoke, yellow)	C	C/S/Y	C/S/Y	C	C	C	
Optical Class	1	1	1	1	1	1	
<b>Product Features</b>							
Adjustable temple length			4 Positions	4 Positions			
Temple inclination			X	x			
Soft temple tips			X	x			
Soft, comfortable, ventilated nose bridge				X			
Can be worn over a wide range of prescription spectacles	X				X	X	
Broad and adjustable head bands					X	X	
Weight	46 g	24 g	28 g	30 g	112 g	98 g	
Frame Colours	Clear	Blue Arms	Blue Arms, Red Pivots		Light Blue Frame and Grey Band		
<b>Applications</b>							
Hazards	Mechanical and optical					Chemical, mechanical and optical	
Applications These products can be used for a wide variety of applications. Typical examples include:	Visitors Use with prescription spectacles	Agriculture Assembly Automotive & Bodyshop Construction DIY	Grinding Laboratories Light engineering Turning Woodworking	Laboratory and pharmaceutical			
				Metal working Construction Demolition	Chemical handling Paint spraying		
<b>Suggested combinations*</b>		3M™ 9300 Series Respirators			3M™ 4000 and 3M™ 7500 Series Half Masks		
* Tests show that the above combinations are suitable for many wearers. However, compatibility with other personal protective equipment is subject to a number of variables and the user must make an appropriate selection depending on individual requirements.							

\*FT: Impact resistance of low energy high speed particles at extreme temperatures.  
\*BT: Impact resistance of medium energy high speed particles at extreme temperatures.

3M offer additional equipment featuring eye protection. For further information contact 3M



3M New Zealand Ltd  
250 Archers Road  
Takapuna, Auckland 1332  
Phone: TechAssist Helpline 0800 364 357

3M Australia Pty. Limited  
950 Pacific Highway  
Pymble NSW 2073  
Phone: 136 136