

# GRAVITON

SAFETY GOGGLE



## DESCRIPTION

Scott Safety's **GRAVITON** goggle is a lightweight low profile general purpose goggle offering a wide field of vision and excellent compatibility with other forms of PPE, such as, safety helmets and half mask respirators. The Graviton goggle features an indirect ventilation system, flexible PVC frame, liquid overflow shoot and a pivoting elastic strap for enhanced fit/comfort. It's also conveniently packaged in a retail style re-sealable storage bag.

## APPLICATIONS

The Graviton goggle is suitable for a variety of industrial applications including non corrosive chemical splash or medium impact risks up to 120 m/s. Its premium grade Polycarbonate (PC) lens protects from UV radiation and is hard-coat Anti-scratch and Anti-fog as standard.

### PART CODES

Product Code	Article Number	Description/Pk Size	EAN/BAR Code
SG340/PC	2026397	SG340/PC/IDVENT GRAVITON GOG AF/AS (5) SG340/PC/IDVENT GRAVITON GOG AF/AS (1)	5039269401902 5039269402664

# TECHNICAL DATASHEET

## TECHNICAL SPECIFICATION



**SG340/PC**



<b>Application</b>	Impact/Liquid Splash
<b>Lens Material</b>	Polycarbonate (PC)
<b>Lens Colour</b>	Clear
<b>Lens Thickness</b>	2.2 mm
<b>Lens Curve</b>	5.0
<b>Anti-Fog Coated</b>	✓
<b>Anti-Scratch Coated</b>	✓
<b>Frame Material</b>	PVC
<b>Frame Colour</b>	Clear
<b>Weight</b>	72 g
<b>Strap Material</b>	Elastic
<b>Strap Width</b>	19 mm
<b>Strap Length</b>	51cm
<b>Strap Colour</b>	Black
<b>Strap Pivot</b>	✓
<b>Ventilation Style</b>	Indirect Vented (IDV)
<b>Splash Gutter</b>	✓
<b>Spare Lens Option</b>	✗
<b>RX Insert Option</b>	✗
<b>Packaging Type</b>	Retail - Euro Slot Header, Re-sealable
<b>Sales Pack Qty</b>	5
<b>Sales Pack Dimensions</b>	27.7(L) x 17.5(W) x 7.0(H) CM
<b>Sales Pack Volume</b>	0.0034M <sup>3</sup>
<b>Sales Pack Weight</b>	0.585 Kg
<b>Case Carton Qty</b>	120
<b>Case Carton Dimensions</b>	74(L) x 29.7(W) x 45.5(H) CM
<b>Case Carton Volume</b>	0.10 M <sup>3</sup>
<b>Case Carton Weight</b>	17.6 Kg

# TECHNICAL DATASHEET

## APPROVALS

LENS MARKING														
Goggle Code	EN166	Welding Filter EN169 (XX), EN175	Ultraviolet (2-XN) Filter (EN170)	Infra Red (4-XX) Filter (EN171)	Manufacturer Mark	Optical Class	Mechanical Strength & Test Speed M/S	Impact Tested At Temp. Extremes	Electric Arc (Short Circuit)	Molten Metal & Hot Solids	Anti-Scratch	Anti-Fog	CE Logo	Notified Body
SG340/PC	✓	-	2-1.2	-	SS	1	(B)120	T	-	-	* 	* 	CE	BSI
FRAME MARKING														
Goggle Code	EN166	EN175	Manufacturer Mark	Liquids (Droplets or Splashes)	Large Dust Particles > 5 Microns	Gas & Fine Dust Particles < 5 Microns	Electric Arc Risk (Short Circuit)	Molten Metal & Hot Solids	Mechanical Strength & Test Speed m/s	Impact tested at Temp. extremes	CE Logo	Notified Body		
SG340/PC	✓	-	SHS	3	4	-	-	-	(B)120	T	CE	BSI		

NB - EN166 combination Lens and Frame markings - the lowest impact marking B or F takes precedent for the combination.

\* High Quality Anti-Scratch coatings - Not approved as EN166 K (Anti-Scratch) or N (Anti-Fog).

# TECHNICAL DATASHEET

<b>VISOR MARKINGS &amp; MEANINGS</b>	
<b>Symbol</b>	<b>Meaning</b>
<b>SS/SHS</b>	Manufacturer Mark - Scott Safety
<b>XX</b>	Welding Filter Shade EN169 (Scale 1,2-16)
<b>2-(XX)</b>	Ultraviolet Filters EN170 (Scale 1,2-5)
<b>4-(XX)</b>	Infra-Red (IR) Filters EN171 (Shade 1,2-10)
<b>5-(XX)</b>	Sunglare Filters EN172 ✕IR (Shade 1,1-4,1)
<b>6-(XX)</b>	Sunglare Filters EN172 ✓IR (Shade 1,1-4,1)
<b>1</b>	Optical Class (For permanent use)
<b>2</b>	Optical Class (For intermittent use)
<b>3</b>	Optical Class (For occasional use)
<b>S</b>	Increased robustness (12 m/s) (EN1731)
<b>F</b>	Low energy impact (45 m/s)
<b>B</b>	Medium energy impact (120 m/s)
<b>A</b>	High energy impact (190 m/s)
<b>T</b>	Particles at extremes of temperature
<b>G</b>	Radiant Heat Mesh Visors (EN1731)
<b>8</b>	Electric Arc Short Circuit
<b>9</b>	Molten Metal & Hot Solids
<b>K</b>	Antiscratch - Fine Particles
<b>N</b>	Antifog
<b>R</b>	Enhanced Reflectance
<b>O</b>	Original Ocular
<b>▽</b>	Replacement Ocular
<b>CE</b>	CE Marked

<b>FRAME MARKINGS &amp; MEANINGS</b>	
<b>Symbol</b>	<b>Meaning</b>
<b>SS/SHS</b>	Manufacturer Mark - Scott Safety
<b>3</b>	Liquids (Droplets or Splashes)
<b>4</b>	Large Dust Particles > 5 Microns
<b>5</b>	Gas & Fine Dust Particles < 5 Microns
<b>8</b>	Electric Arc Short Circuit
<b>9</b>	Molten Metal & Hot Solids
<b>S</b>	Increased robustness (12 m/s)
<b>F</b>	Low energy impact (45 m/s)
<b>B</b>	Medium energy impact (120 m/s)
<b>A</b>	High energy impact (190 m/s)
<b>T</b>	Particles at extremes of temperature
<b>G</b>	Radiant Heat
<b>CE</b>	CE Marked

## **DISPOSAL ADVICE**

Please see local authority regulations for disposal and advice regarding the specific materials above. Note any guidelines on the safe decontamination of these products.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)330 088 0560**

**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.