



**FRSA**  
Fire Rescue Safety Australia

**KASK**

# PRODUCT DATA SHEET

## ZENITH X AIR HI VIZ

### TECHNICAL DETAILS

#### MATERIAL:

- External Shell: HD Polypropylene
  - Internal Shell: HD Expanded Polystyrene
  - Headband: Soft PA nylon headband
- SIZE: Universal-adjustable from 52cm to 63cm  
WEIGHT: 480g

TEMPERATURE OF USE: -30°C/+50°C

STANDARD: AS/NZS 1801

EN 397 EN 50365 (Class 0)

Protection against front, rear and side impacts in conformity with EN 12492  
Clauses 4.2.1.2, 4.2.1.3, 4.2.1.4 shock energy absorption capacity  
Clause 4.2.2 penetration Clause 4.1.4 ventilation

EN 397 ADDITIONAL TESTS: -30°C / LD / MM

### TECHNOLOGIES

**POLYPROPYLENE HI VIZ HD EXTERNAL SHELL:** Lightweight HI VIZ external shell with exponential better performance. Excels in impact absorption, especially at lower temperatures (-30°C). Resists yellowing and degradation.

**D-CORE TECHNOLOGY:** Helmet internal shell designed with a low-density inner core optimized for protection from top impacts.

**HD CROWN PROTECTION:** Higher density external crown system that provides stronger all-around protection and improved comfort.

**CLICK-IN SYSTEM:** Patented inner padding attachment system that enhances padding durability, replacement, and removal.

**DRY+:** Advanced composite fabric integrated with Hydrocool® moisturewicking technology and exceptionally soft textiles for enhanced user comfort. Infused with a deodorizing silver ion treatment.

**ADAPTIVE FIT SYSTEM:** A size adjustment system which integrates three components for all-day comfort. A new, double diameter dial allows for easier size adjustments. Ergonomic side wings ensure a fast and secure fit against the back of the head. The patented Self Adaptive Live Hinge is the latest, self-adjusting fit technology that moves as the wearer moves.

**HI-VIZ REFLECTIVE DECALS:** Helmet designed with high visibility reflective adhesives for added safety in low visibility conditions.

**ELECTRICAL SHOCK PROTECTION EN 50365:** Protection against potential contact during working with live or close to live parts on low voltage installations not exceeding 1000 V a.c. or 1500 V d.c.

**VENTILATION CHANNELS:** Helmet designed with 8 air intakes that maximize internal airflow through outflow channels providing exceptional helmet breathability.

**ADVANCED CHINSTRAP:** New, eco-leather chinstrap designed with new, rear adjustment points for a more personalised fit. Accommodates wider sizes and adapts to earmuff use. Color-coded fasteners indicate which EN standard the chinstrap meets.

**LATERAL ADJUSTMENT DIVIDER:** Chinstrap designed with a side regulator point for a more tailored fit.

**RING TO HOOK:** Fitted with an attachment loop on the chinstrap. Designed to enable secure attachment of helmet to harness or other items.

**FRONTAL ACCESSORY SLOT:** Front attachment point for advanced customization and easy integration of accessories such as badge holders and headlamps. Includes cap cover for debris protection.

**REPLACEABLE LUMINESCENT LAMP CLIPS:** Helmet designed with 4 detachable luminescent nylon external lamp carrying clips. Compatible with KASK headlamps and industry headlamps with elastic bands.

**EARPLUG HOOKS:** Lamp clips designed with secure earplug holders for easy access.

**EARMUFF ATTACHMENT SLOTS:** Helmet designed with standard 30mm EURO slots for attaching KASK earmuffs.

**HI-VIZ NAMEPLATE:** Designed with a high visibility nameplate for easy identification on the back of the helmet.

**EASY CLICK SYSTEM:** Helmet designed with integrated slots that enable visor adapters to mount face protection and eye protection to helmet.



WHE00092-221  
YELLOW FLUO



WHE00092-201  
WHITE



WHE00092-222  
ORANGE FLUO



## PERFORMANCES

### AS/NZS 1801

Protection against top impacts	<b>K</b>	5 Kg from 1 m 100 J
Protection against the penetration of objects	<b>K</b>	3 Kg from 1 m 30 J
Protection against side deformation	<b>K</b>	9 kg max: 15 mm
Flame resistance	<b>K</b>	10"
Electrical insulation	<b>K</b>	650V

**K** Standard requirements

**K** EN 397 additional requirements

**K\*** Additional test in conformity with the requirements of EN12492

**K\*\*** EN50365 Standard - Electrical Insulating Helmet

### EN STANDARDS

Lower temperature resistance test	<b>K</b>	T= -30°C
Protection against side deformation	<b>K</b>	LD
Protection against molten metal splashes	<b>K</b>	MM
Protection against side, front and rear impact	<b>K*</b>	5 Kg from 0,5 m 25 J
Protection against penetration of the objects	<b>K*</b>	3 Kg from 1,0 m 30 J
Electrical insulation for use on low voltage installations. Class 0	<b>K**</b>	1000V AC 1500V DC

## ADDITIONAL INFORMATION

**GUARANTEE:** 3 years starting from the date of purchase.

**SHELF LIFE:** 10 years starting from the date of manufacture. The helmet must be checked regularly and before each use to detect the presence of any damage such as cracks, detachments, deformities, or peeling that represent factual elements of the state of deterioration of the helmet. Helmets that have suffered a severe impact shall be replaced even if they do not show obvious signs of damage.

**CLEANING:** Clean the helmet with the KASK Helmet cleaner or with water, neutral pH soap and a soft, clean cloth. The inner lining should be washed by hand in cold water or in the washing machine (max 30°C - 85°F). The KASK Liner Refresher is available to neutralise unpleasant odours.

**STORAGE:** The helmet should be stored away from direct sunlight or source of heat. We recommend the use of the KASK drawstring helmet bag to protect the helmet when not in use.

**ADHESIVE APPLICATION:** Do not apply adhesives, stickers or use paint and solvents on the helmet that do not comply with the manufacturer's specifications. Any alteration or intervention may impair its protective function.

## SAFETY ACCESSORIES



WVI00007  
ZEN VISOR



WVI00009/10  
ZEN MESH VISOR



WVI00008  
ZEN FF VISOR



WVI00014  
ARC FLASH 1



WVI00015  
ARC FLASH 2



WAC00013/25  
NECK SHADE



WAC00032/33  
NECK SHIELD RW



WAC00036/37  
SUN SHIELD



WPA00009  
MERINO CAP