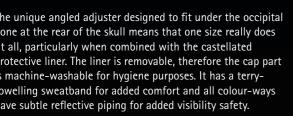
## HARDCAP A1+ INDUSTRY LEADING BUMP CAP TECHNOLOGY, THE ONLY BUMPCAP TO EXCEED THE A1+ VARIANT OF EN812

The new HardCap A1+® is another major innovation from JSP in head protection design. Designed to exceed the most recent standards, years of thought and design iterations have been undertaken to develop a product that is unrivalled in both performance and style. Sleek and low profile, it's almost impossible to distinguish from a standard 'high street' baseball cap.

The unique angled adjuster designed to fit under the occipital bone at the rear of the skull means that one size really does fit all, particularly when combined with the castellated protective liner. The liner is removable, therefore the cap part is machine-washable for hygiene purposes. It has a terrytowelling sweatband for added comfort and all colour-ways have subtle reflective piping for added visibility safety.





# REFLECTIVE PIPING













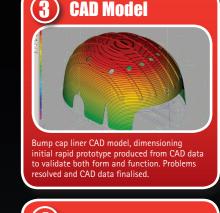
## HOW WE DESIGNED OUR HARDCAP A1+

EN standards require Bump Caps to conform to EN812:1997/A1:2001. This is to protect the wearer from impacts at 30° and 60° from vertical at the front and the back of the head. We needed a 'One-Size-Fits-All' liner to work together with a stylish new cap, to improve on the performance and aesthetic appearance of our 'Top-Cap'. Comfort was a high priority to increase customer / user acceptance. We call it the A1+ because, like much of our PPE, it exceeds the required standard. EN812:1997/ A1:2001 is the most current standard, but we designed the new HardCap to go beyond this because we wanted to offer maximum protection possible within the parameters of a bump cap.











Matthew Judson B.Eng(Hons), ACQI.
Director of Respiratory & Technical Suppo

The significant difference between the helmet standard and the bump cap standard is the shock absorption test. As the product is designed to stop the wearer banging their head the impact test is at a much lower energy, the 5kg flat mass only dropping 250mm. However, with an industrial helmet which the wearer would replace after an impact, it is expected that the wearer would bump their head several times, so the standard requires the impact test to be carried out 4 times! Each impact is carried out with the head at a different angle, so much more of the head is subject to testing. As with the industrial safety helmets, the testing is again done at different conditions, +50°C, -10°C and following water immersion.







#### STANDARD 7cm PEAK HARDCAP A1+®

CODE	DESCRIPTION	CARTON QTY
ABR000-000-500	Standard 7cm Peak HardCap Navy/Navy	20
ABR000-001-100	Standard 7cm Peak HardCap Black/Black	20
ABR000-005-000	Standard 7cm Peak HardCap Black/Grey	20
ABR000-00L-500	Standard 7cm Peak HardCap Grey/Red	20
ABR000-00N-400	Standard 7cm Peak HardCap Royal Blue/Yellow	20
ABR000-00N-500	Standard 7cm Peak HardCap Black/Hi-Viz Orange	20



### **SHORT 5cm PEAK HARDCAP A1+®**

ABS000-002-100	Short 5cm Peak HardCap Navy/Navy	20
ABS000-001-100	Short 5cm Peak HardCap Black/Black	20
ABS000-005-000	Short 5cm Peak HardCap Black/Grey	20
ABS000-00L-500	Short 5cm Peak HardCap Grey/Red	20
ABS000-00N-400	Short 5cm Peak HardCap Royal Blue/Yellow	20
ABS000-00N-500	Short 5cm Peak HardCap Black/Hi-Viz Orange	20
	ABS000-001-100 ABS000-005-000 ABS000-00L-500 ABS000-00N-400	ABS000-001-100 Short 5cm Peak HardCap Black/Black ABS000-005-000 Short 5cm Peak HardCap Black/Grey ABS000-00L-500 Short 5cm Peak HardCap Grey/Red ABS000-00N-400 Short 5cm Peak HardCap Royal Blue/Yellow



### MICRO 3cm PEAK HARDCAP A1+®

ABT000-001-100	Micro 3cm Peak HardCap Black	20
ABT000-002-100	Micro 3cm Peak HardCap Navy	20



## HI-VIZ SHORT 5cm PEAK HARDCAP A1+®

ABS000-001-500	Hi-Viz Short 5cm Peak HardCap Yellow	20
ABS000-001-600	Hi-Viz Short 5cm Peak HardCap Orange	20

#### embroidery service or screen printing service using stain fast inks (guaranteed for minimum 50 washes). Simply send through the logo or message you require and we will do the rest. Minimum order quantities

and set up charges will apply. Please call sales office for details. Also

## MICRO 3cm PEAK (W/REFLECTIVE PEAK)

Micro 3cm Peak (w/Reflective Peak) HardCap Grey/Red 20



#### **LED CAP LAMP FOR HARDCAP A1+®**

LED Cap Lamp





#### **QUALITY MANAGEMENT SYSTEM**

JSP's products are manufactured under its worldwide QMS (Quality Management rm). This ensures proper batch control including testing and recording of each ufactured batch to the relevant EN standard. When specifying JSP safety products, Health and Safety Officers can rest assured they are fit for purpose exceeding all relevant EN standards with batch test certification through the manufacturing process (ie not just at one point in time) and come with JSP's full technical backup and support.





## UK TEL: 01993 826050 www.jsp.co.uk

**MANUFACTURING FOR SAFETY** 



















## EXCEED THE A1 VARIANT OF EN812













