

Technical Data Sheet

Reflective Stickers

High Intensity Reflective Stickers (S30HIRS)

Designed specifically for applying to Centurion Reflex, Reflex Plus, Concept, Vision, Vision Plus and Spectrum safety helmets for improving wearer visibility and safety. Material approved to EN 12899-1 Ra2. Sticker set provides coverage on the front, sides, rear and top of the helmet.



Front - Reflex & Reflex Plus *

Specification

Colours:	White Reflective
Pack Quantity:	5 sets of High Intensity Reflective Stickers
Product Code:	S30HIRS
Helmet Compatibility:	Suitable for use on our HDPE and ABS industrial safety helmets
Chemical Resistance:	Resists mild acids, mild alkalis and salts. Excellent water resistance. Resists occasional fuel spills.
Operation Temperature Range:	20 - 28°C
Working Temperature Range:	-20 - 63°C
Thickness (film plus adhesive):	0.405mm
Tensile Strength:	44N/25mm at 23°C

* We have tested the material's adhesive in our laboratory to confirm that it causes no detrimental reaction to the helmet shell material.

Materials

Retroreflection:	At a -4° entrance angle and a 0.2° observation angle the typical co-efficiency of retroreflection is 250. (The entrance angle is formed by a light beam striking the surface at a point and at a line that is perpendicular to the surface at the same point. An observation angle is formed by the light beam striking the reflective surface and returning to the observer).
Surface Film:	PMMA
Release Paper:	Silicon film
Adhesive:	Acrylic adhesive



Front - Concept , Vision & Spectrum *



Back (Shown on Concept)*

Standard

Standard:	EN 12899-1 Ra2 (Reflectivity) and Material specification Material meets specification requirements of EN 12899-Ra2
-----------	---

Shelf Life

The shelf life of the film is 1 year



Top (Shown on Concept)*

Maintenance / Cleaning

Ensure helmet is clean and dry prior to applying the reflective materials
Use water only to clean

* for Guide to applying Centurion High Intensity Reflective Stickers, refer to information on packaging