

PRODUCT DESCRIPTION & TECHNICAL DATA SHEET

SKU: 01120301X
Warning marking BF3/BF4

Warning marking BF3 Oralite 5821BF - 380 mm width - application package

Characteristics



Description

Oralite 5821BF warning marking - 380 mm wide

The correct warning marking on escort vehicles for large-scale and heavy transport is a basic requirement for optimum visibility of the transport convoy in road traffic.

ORALITE® 5821BF High Intensity Fleet Marking Grade has been specially developed for this purpose and meets the requirements of the information sheet on the equipment of private escort vehicles for securing large-volume and heavy transports.

An application package consists of right- and left-facing markings in the specified roll length!

Width: 380 mm

Strip width: 180 mm

Roll length: 1 m, 2 m, 5 m, 10 m or 50 m

Colours: white/red

Shelf life: 5 years

Properties: RA2 Structure B (formerly Type II)

Approved for BF3, BF3-Plus and BF4 escort vehicles.

For production reasons, we are unable to cut the hatching on the right/left at the same point. This may result in a slight cut of approx. 70 mm. Please take this into account when determining your quantity requirements.

Securing large-volume and heavy goods transports

High visibility of escort vehicles

Large-volume and heavy goods transports exceed the usual limits for road traffic in Germany in terms of their dimensions and weights and therefore pose a safety hazard.

For this reason, such transports must be secured by escort vehicles. The technical equipment of these escort vehicles is regulated in the "Information sheet on the equipment of private escort vehicles for securing large-volume and heavy transports" by the Federal Minister of Transport and Digital Infrastructure.

Compliance with these specifications ensures that the escort vehicles are clearly visible and that the dangers of large-volume and heavy goods transport are recognised by other road users.

For the warning markings on escort vehicles, only class RA2 retro-reflective film based on glass bead technology (structure B) in white/red may be used due to its optimised visibility.

The films must meet the requirements of DIN 67520 for specific retroreflective values and the requirements for reflective colours of DIN 6171. Furthermore, the following minimum dimensions must be ensured:

$B = 180 \text{ mm}$

$D > 175 \text{ mm}$

$? = 45$

Escort vehicles within the meaning of this information sheet are motor vehicles with a maximum permissible total weight of 3.5 t with a mounted variable traffic sign system (WVZ system) that are specially designed for securing large-scale and heavy transport operations and are used on the instructions of the road traffic authorities.

1. Equipment

1.1 Escort vehicle, rear-facing WVZ system with 3 or 11 traffic signs
Escort vehicles must be equipped as follows on the outside:

1.1.1 Rear-facing WVZ system with 3 traffic signs (BF 3)

- Retroreflective sign system that can be folded down or covered as a roof attachment for rear projection of StVO signs 101, 276, 277 with integrated lights for yellow flashing light³
- Red and white hatched retroreflective vehicle rear front including the WVZ system in RA2/Aufbau B foil, whereby the base area between the hatched areas must be white
- Foldable/removable "heavy transport" sign (black lettering on a white background), which must be placed on the rear in the lower half of the base area
- Flashing lights for yellow flashing light (rotating light) in accordance with § 52 (4) No. 4 StVZO, taking into account geometric visibility and interference (glare) with the WVZ system.

1.1.2 Rear-facing WVZ system with 11 traffic signs (BF 3plus)

- WVZ system can be folded down or covered as a roof attachment for rear-facing projection of StVO signs 101, 222-10, 222-20, 250, 274-54, 274-56, 274-58, 274-60, 274-62, 276 and 277 with integrated lights for yellow flashing light
- red and white hatched retro-reflective vehicle rear including the WVZ system in RA2/Aufbau B foil, whereby the base area between the hatched areas must be white
- Foldable/removable "heavy transport" sign (black lettering on a white background), which must be placed on the rear in the lower half of the base area
- Flashing lights for yellow flashing light (rotating light) in accordance with § 52 paragraph 4 number 4 StVZO (German Road Traffic Licensing Regulations), taking into account geometric visibility

1.2 Escort vehicles with WVZ system with 11 traffic signs (BF 4) visible from the front and sides

Escort vehicles must be equipped as follows on the outside:

- The escort vehicle in a uniform "yellow" colour scheme (RAL 1016, sulphur yellow) must be equipped with "white" side contour markings in accordance with Section 53 (10) of the German Road Traffic Licensing Regulations (StVZO) (ECE 104).
- The WVZ system must be foldable or coverable as a roof attachment for forward and sideward projection (side placement of the WVZ system in the centre of the vehicle or starting at the A-pillar) of StVO signs 101, 222-10, 222-20, 250, 274-54, 274-56, 274-58, 274-60, 274-62, 276, 277 with integrated lights for yellow flashing or strobe light
- Front: red and white hatched retro-reflective, covering the front of the vehicle including the WVZ system in foil type RA2/structure B, whereby the base area between the hatched areas must be white
- Side: red and white retro-reflective around the WVZ system, including the vehicle side in the width of the WVZ in foil type RA2/structure B, whereby the area between the hatched areas must be white, the red and white foil must be removable
- Rear: Marking of the rear as for an escort vehicle in accordance with 1.1
- Foldable/removable "heavy transport" sign (black lettering on a white background, retro-reflective), which must be placed on the rear, the front in the area of the bonnet and on the sides on the white area between the

hatched areas on both sides

- Flashing lights for yellow flashing light (all-round light) in accordance with § 52 (4) No. 4 StVZO (German Road Traffic Licensing Regulations), taking into account geometric visibility
- Equipped with 4 yellow side marker lights distributed along the long side and acting to the side in accordance with § 51a (6) StVZO (Directive 76/756/EEC)