

## Hi-S Cal 4178 series permanent non retroreflective sheeting

### Introduction

Hi-S Cal 4178 series is premium quality film with a permanent adhesive suitable for non-retroreflective signs.

Fine detail and graphics approximately 5mm in size can be cut and weeded from this durable opaque interpolymer and cadmium free marking film.

Hi-S Cal 4178 is available in the following colours;

Colour	Product code
Black	4178-04
White	4178-08
Yellow	4178-17
Grey	4178-55
Blue	4178-90

### Surface marking

Hi-S Cal 4178-04 Black non-retroreflective sheeting is identifiable by this symbol printed onto its surface.



### For further technical information refer to;

- Sign shop processing instructions
- On site storage instructions
- Sign cleaning procedures

### Health & Safety (COSHH)

Although the adhesive contains a small amount of solvent, it is almost certain that this solvent will not be emitted from the sheeting. For further information contact Rennicks UK for a MSDS data sheet.

### Colour matching

When using more than one piece of sheeting together, sheeting from the same roll should be used for uniform colour matching. Every other piece of material should be rotated by 180°, so the same roll edges come together. When required the sheeting may be overlapped by 6mm from top to bottom.

Colour matching is the responsibility of the sign manufacturer.

### Graphic cutting

The material must be allowed to condition, out of its box and correctly supported, ideally in a room with an ambient temperature of 15°C to 25°C (59°F to 77°F) before cutting. Upright friction and flatbed plotters are suitable for cutting Hi-S Cal 4178 series sheeting.

### Durability

When processed and applied in line with NCI instructions, Hi-S Cal 4178 series sheeting when exposed vertically under normal weathering conditions in the UK or Ireland can be expected to have a useful performance life as shown in the table below.

However, actual performance depends greatly on type and treatment of substrate and on weathering conditions.

Type	Effective life UK & Ireland
4178-04 Black	12 years
4178-08 White	7 years
4178-17 Yellow	7 years
4178-55 Grey	7 years
4178-90 Blue	7 years

### Reliability of information

All recommendations and technical information contained herein are based on experience and tests, which the manufacturer believes to be reliable, but their accuracy and completion are not warranted. The user is cautioned to undertake tests to determine the suitability of a particular product for the intended application.

### Warranty

Hi-S Cal products are warranted to be free from defects in materials and workmanship at the time of their sale. Subject to paragraph two hereof, Hi-S Cal products are sold without any warranty whatsoever, including warranties of merchantability or fitness for a particular purpose. The sole remedy for failure of Hi-S Cal products to conform to said warranty is the replacement of the defective products; neither the manufacturer nor the seller shall be liable for any loss, damage or injury, direct or indirect, consequential or incidental, arising from the use of or inability to use said products.

Hi-S Cal products sold in the United Kingdom are sold with a warranty subject to the Road Traffic Sign Warranty agreement between Rennicks (UK) Limited, Nippon Carbide Industries Inc., and the Traffic Sign Manufacturer.

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