



# tesa<sup>®</sup> 4414

## Product Information



### Strong PE Surface Protection Tape

#### Product Description

tesa<sup>®</sup> 4414 consists of a UV-stabilised PE backing and a high-tack, removable acrylic adhesive. The translucent blue colour provides a good contrast to surfaces and eases tape detection.

The excellent continuous outdoor stability for up to 6 months allows clean removal in a wide range of protection applications, whenever strong resistance against mechanical damage is required. It is therefore especially suited to surface protection jobs in transport sectors such as railway, marine, special vehicles during assembly, storage and transportation.

#### Benefits:

- Excellent visibility due to translucent blue colour
- The high-tack adhesive provides good quick stick to a wide range of surfaces
- Residue-free and removable for up to 6 months, even after continuous outdoor use
- Strong PE backing for good resistance against mechanical damage
- Easy to apply due to low backing elongation when unwound
- Temperature resistance up to 70°C / 1h

#### Application Fields

- For temporary masking and protection of coated surfaces such as aluminium, metal, glass and other substrates during assembly, storage and transportation whenever residue free removability is required.
- The temperature resistance also makes it suitable for overmask applications during spray painting with subsequent oven drying up to 70°C. The PE backing provides good paint-wetting ability.

#### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Product Construction

- |                    |                     |                   |        |
|--------------------|---------------------|-------------------|--------|
| • Backing material | PE film             | • Total thickness | 150 µm |
| • Type of adhesive | water-based acrylic |                   |        |

#### Properties/Performance Values

- |                       |         |                    |      |
|-----------------------|---------|--------------------|------|
| • Elongation at break | 400 %   | • Hand tearability | good |
| • Tensile strength    | 23 N/cm |                    |      |

#### Adhesion to Values

- |         |          |
|---------|----------|
| • steel | 2.2 N/cm |
|---------|----------|

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