



Premium Masking Solutions

## Premium Protective Film

Q1® Premium Protecting Film is a clear HDPE protective sheet treated to ensure paint adhesion of both solvent and waterborne paints specific for vehicle painting jobs.

It has an excellent paint adhesion due to its electrostatic property result of corona treatment and the composition of the raw material with specific additives.

Q1® Premium Masking film clings to vehicles and has centred printing to help with alignment.



### Features

- Corona treatment to obtain maximum adhesion of paint
- Translucent to assist in the moving of vehicles
- Sheeting clings to the vehicle and has centred printing to help with alignment
- Excellent adhesion
- Temperature rating +230°F / 110°C
- Solvent resistant
- Easy roll release

### Benefits

- Paint absorbent
- Resists tearing
- Resistant to solvents
- No bleed-through
- Easy to use dispenser box – Fast Application
- Statically charged for easy masking

### Available Colour

Clear

### Temperature Resistance

230°F / 110°C

### Product Reference

| Part# | EU Size                    | Pcs/ Case   |
|-------|----------------------------|-------------|
| PFO24 | 4 m x 150 m                | 1 roll/ box |
| PFO34 | 4 m x 300 m                | 1 roll/ box |
| PFO25 | 5 m x 120 m                | 1 roll/ box |
| PFO26 | 6 m x 110 m                | 1 roll/ box |
| Part# | US Size                    | Pcs/ Case   |
| PFO12 | 12ft x 400ft/ 3.66m x 122m | 1 roll/ box |
| PFO16 | 16ft x 350ft/ 4.9m x 107m  | 1 roll/ box |

### Technical Data Sheet

| Properties                                      | Measuring Units   | Value     | Measuring method |
|---|-------------------|-----------|------------------|
| Density   | g/cm <sup>3</sup> | 0.95      | Following        |
| Thickness                                       | µm                | 8 microns | Following        |
| Tensile strenght <i>machine direction</i>       | N/mm <sup>2</sup> | 70        | Following        |
| Tensile strenght <i>transverse direction</i>    | N/mm <sup>2</sup> | 28        | Following        |
| Elongation at break <i>machine direction</i>    | %                 | 422       | Following        |
| Elongation at break <i>transverse direction</i> | %                 | 893       | Following        |
| Dart drop                                       | g/µm              | 3.45      | Following        |
| Temperature stability                           | °F/ °C            | 230/ 110  |                  |



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**Additional Information****Storage & Handling**

Q1® Premium Masking Solutions must be stored in a dry location, protected from direct sunlight exposure and from freezing. Storage temperatures should be as close as possible to room temperature; suggested storage temperature should range from 59°F / 15°C to 77°F / 25°C with max. relative humidity of 50%. Do not store tapes and related products in the paint booth during bake cycles.

Make sure the surface you wish to place the tape on is cleaned, dried and free from oil and dust. It is suggested not to apply the tape with temperatures lower than 50°F / 10°C. With a storage temperature lower than 50°F / 10°C, it is always suggested temperature reconditioning of the tape at room temperature (79°F / 15°C - 59°F / 25 °C) before its use. We always recommend testing material in relation to the required applications.

**Shelf life from date of manufacture**

No yellowing and < 10% loss in performance at 73.4°F / 23 °C, 50% humidity is considered 12 months Q1® Premium Masking Solutions does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.

**Technical Information Disclaimer**

The technical information, suggestions and other statements contained in this documents have been compiled for your guidance and usage. Information is based on experience and tests that Q1® Premium Masking Solutions believe are reliable. The accuracy or completeness of such information is not guaranteed. Q1® Premium Masking Solutions has no control about conditions in which products are used, stores or handles. The above information doesn't constitute a warranty.

**Product Use**

Q1® would advise that there are many factors beyond Q1® control but within the users knowledge that can affect the use and performance of Q1® products. Q1® remind the user of the products to make sure that its range is used as per the instructions printed above. It is the users sole responsibility to determine that all preparation has been correctly carried out and that the working conditions are as per Q1® literature.