

## TECHNICAL SPECIFICATION

### 4D CARBON

It's a calendered PVC film POLYMERIC with special texture, available in colors: black, red, blue metallic and graphite metallic. Couché paper liner siliconized and repositionable acrylic adhesive. It has airflow technology, unique micro-channel system, anti-bubbles that optimize the film application time by 50%.

**Indication:** Designed for protection and customization of vehicles, can be used for clipping. Good stability on flat and curved surfaces, resistant to light impact and protects from harmful UV effects.

**Physical Property:** Front: PVC compounder 100µm (microns).  
Liner: Coated siliconized paper 150g/m<sup>2</sup>.  
Adhesive: Acrylic repositinable 17g/m<sup>2</sup> ( $\pm$  2g/m<sup>2</sup>).

**Supply and**

- Material packed in box and cardboard reels with a width of 1.50m.

**Durability:**

- Expected durability: five years. In horizontal this durability is reduced to 30% (excepted graphite metallic: one year and horizontal six months).

Important: durability can be extended or decreased as a result of application techniques and conservation.

**Storage:** Store at temperatures between 20 and 30°C, relative humidity between 40% and 50%.  
Validity: two years from the data of manufacture if packed in original packaging and in an appropriate location.

**Recomendations:**

- Apply in smooth superfice; cleaned with isopropyl alcohol avoiding contact with impurities, oils or any other chemical.
- Do not use in places with ripples, rough surfaces and/or porous.
- Use of excess solvent reduces the durability of the product.
- Install immediately after cutting.
- Once applied to avoid aggressive products and constant friction.

- The above data are based on laboratory tests that Alltak believes to the reliable and are provided for informational purposes only and do not constitute any form of guarantee.
  - Due to diversity of potential influencing factors during application and use of the adhesive film for special applications, we recommend customers to conduct their own testing.
- NOTE: Ours products are not part of the production chain of auto parts construction materials.

## TECHNICAL SPECIFICATION

### CARBON X

It is a calendered PVC film POLYMERIC with special texture available in black color. Paper liner coated siliconized and repositionable acrylic adhesive.

**Indication:** Designed for protection and customization of vehicles, can be used for clipping. Good stability on smooth surfaces and curves, resistant to light impacts.

**Physical Property:** Front: PVC compounder 100µm (microns).  
Liner: Coated siliconized paper 120 g/m<sup>2</sup>.  
Adhesive: acrylic repositinable 17 g/m<sup>2</sup> ( $\pm$  2g/m<sup>2</sup>).

**Supply and**

- Material packed in box and cardboard reels with a width of 1.22m.

**Durability:**

- Expected durability: five years. In horizontal this durability is reduced to 30%.

Important: durability can be extended or decreased as a result of application techniques and conservation.

**Storage:**

Store at temperatures between 20°C and 30°C, relative humidity between 40% and 50%.

Validity: two years from the date manufacture if packed in original packaging and in an appropriate place.

**Recomendations:**

- Apply in smooth; flat surface previously cleaned using isopropyl alcohol avoiding contact with impurities, oils or any other chemical.
- Do not use in places with ripples, rough surfaces and/or porous
- Excess solvent usage reduces the durability of the product of time.
- Install immediately after cutting.
- Once applied to avoid aggressive products and constant friction.

➤ The above data are based on laboratory tests that Alltak believes to be reliable and are provided for informational purposes only and do not constitute any form of guarantee.

➤ Due to diversity of potential influencing factors during application and use of the adhesive film for special applications, we recommend customers to conduct their own testing.

Note: Our products are not part of the production chain of auto parts and building materials.