



# DUST FREE – WALL PROTECTOR

Multiple-Layer Spray Booth Wall & Ceiling Protection Film

## TECHNICAL DATA SHEET

DF-W-5-W/C-80 · V1 (07/26)

## PRODUCT DESCRIPTION

The Dust Free Wall Protector is a polypropylene multi-layer film specifically designed for protecting spray booth walls and ceilings. Each layer presents an exposed tacky, electrostatically charged surface engineered to capture overspray and airborne dust in the spray booth environment: every layer carries acrylic adhesive on both sides – the water dilution of the adhesive varies by layer and side, giving a slightly tacky capture face (working together with the static charge to hold dust) and a secure yet residue-free mounting underside. The same acrylic adhesive system is used across both Dust Free products. An additional transparent, non-sticky protective sheet ships as the outermost layer. Heat resistant up to 80°C.

## PHYSICAL PROPERTIES

Carrier	Polypropylene / polyester
Adhesive	Acrylic – water dilution varies by layer & side
Colour	White or Transparent
Thickness	~120µm (±5%)
Width	770 mm (±5%)
Length	80 m (±2%)

## PERFORMANCE PROPERTIES

Elongation at break	200%
Tensile strength	26 N/cm
Temperature resistance	Up to 80°C (176°F)
Melting point	120°C

Values shown are typical values and should not be used for specification purposes.

## SHELF LIFE & STORAGE

24 months from date of manufacture when stored at 21°C (70°F) and 50% relative humidity. Avoid storage above 29°C for extended periods. Humidity is critical to adhesive performance – control it in storage and at application.

## PRODUCT CONSTRUCTION

### Protective outer sheet (transparent, non-stick)

Layer 5 – tacky + static face / adhesive underside

Layer 4

Layer 3

Layer 2

Layer 1 – acrylic adhesive to booth surface

## FULL SPECIFICATION

Product code	DF-W-5-W/C-80
Material	Polypropylene / polyester
Adhesive	Acrylic adhesive on both sides – water dilution varies by layer and side (low-tack capture face / mounting underside)
Colour	White or Transparent (clear)
Roll size	0.77 m × 80 m – covers ~60 m <sup>2</sup> (standard EU booth)
Thickness	~120 micron
Layers	5 + 1 protective outer sheet (4-layer on request)
Layer life	~250 spray cycles or ~3 months, whichever comes first
Total lifespan	12 months per application
Max. service temperature	80°C / 176°F
Weight	10 kg per roll
Box dimensions	0.16 m × 0.16 m × 0.82 m