

PS Stoplight™ 220

PRESSURE SENSITIVE BACKING FILM

Product Description

PS Stoplight™ 220 is a polyester based backing film of 180 micron thickness, built up of a light-blocking aluminium foil screen and a white coating layer. The film is coated on one side with a permanent pressure sensitive adhesive and has a silicone coated release liner.

Product Usage

PS Stoplight™ 220 is designed for use as a backing film for finishing ink-jet. This film gives rigid and opaque characteristics to the print, needed for producing Pop-up display systems. PS Stoplight® 220 is designed for use in the cold lamination process with Seal ® roller laminators.

Recommended Application

Pop-up Displays

General

Shelf life: Two years under the correct conditions

Recommended storage conditions:

Temperature: 20°C/68°F

R.H: 65%

Resistance

Heat Resistance range: -25°C (-13°F) to 115°C (223°F) Resistance to most oils, fats, alkalies, mild acids and water.

Reactivity Hazard Data

Chemical stability: Stable. Incompatibility: Avoid contact with strong acids and bases. May react violently with Fluorine.

Health Hazard Data

Ingestion: Non toxic; Skin contact: Non irritating; Inhalation: Upon overheating may produce fumes. Remove personnel to fresh air and reduce heat to film.

Visual Fire and Explosion Hazards

Extinguishing media: Water spray, Carbon Dioxide or Powder.

Fire fighting procedures: Respiratory and eye protection should be provided for trained fire fighting personnel to avoid contact with combustion products

Unusual Fire and Explosion Hazards: The products of incomplete combustion include Carbon Dioxide, Carbon Monoxide, Acetaldehyde and Acrolein.

A static discharge device is required to eliminate electrostatic build up on the roll, as it is being unwound and rewound, especially in explosive areas.

Precautions for Safe Handling and Use

No special hazards anticipated under normal conditions encountered in storage, processing and disposal.

Waste Disposal Methods: Incineration or landfill.

Control and Protective Measures

No protective clothing required under normal conditions of use. Gloves may be used when handling extremely hot films.

Other Relevant Information

Not suitable for outdoor applications.

When rolling graphic always roll image face out.

Physical Characteristics

Type of film	155 micron (6.1 mil) Polyester with a light blocking layer
Type of Adhesive	Emulsion Acrylic
Type of Release Liner	PE Coated Kraft
Total Construction	180 micron (7.1 mil)
Estimated UVA protection factor	None
Estimated UVB protection factor	None

Process Settings

For Seal ® Roller Laminators

Temperature: Ambient-40°C/104-219°F

Speed: 3-5fpm/1mpm-1.5mpm

Pressure: 30-40 psi

Shims: Not required

Note: Values are given as an average and should not be taken as maximum or minimum for specific purposes.
Specific technical details, application data and suggested uses are available on request.

Version 3.1 Oct 2001

Specifications subject to change without notice.

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28.03.01

To Whom It May Concern:

Re: Fire Rating – Stoplight

We hereby confirm that the above backing film can be marketed with the following fire rating score:

Health	0
Flammability	1
Reactivity	1

The numbering classifications are rated as follows:

Minimal Risk	= 0
Slight Risk	= 1
Moderate Risk	= 2
Serious Risk	= 3
Severe Risk	= 4

All according to NFPA (National Fire Protection Agency) ratings.

Yours faithfully

Claire Savage
Product Manager Consumables

(DEC/Product Data Sheets/NFPA Stoplight v2 28.03.01.doc)

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