

TEREL 9H lightweight covering film



Manufacturing of Insulation blankets Civil and Military Aircraft

Description



The **TEREL 9H** films are made of a reinforced PEEK film with a heat sealable system.

Covering film designed for manufacturing fuselage thermal insulation blankets.

TEREL 9H can be repaired and reinforced with KB 65 FR adhesive tape

TEREL 9H Qualified according **ABS 5429 G 004A**
Primary Insulation

Yellowish appearance

Typical Properties

		TEREL 9H
General		
Total Thickness		0.08 mm (0.003 in)
Surface Weight		30 g/m ² (0.88 oz/sqyd)
Dimensions (standard)		Roll of 300 m (328 yd)
Temperature Range		-55 to +85°C (-67 to +185°F)
Storage Life		Maximum 5 years (based on manufacturing date)

Flammability & Toxicity

Vertical Burn	FAR25 §853 vertical 12s	Pass
Flame Propagation	FAR25 §856(a) app F Part VI	Pass <i>In various blankets configurations (please ask us for more information)</i>
Smoke and Toxicity	ABD0031	Pass

Reference code

		TEREL 9H
P/N		TEREL 9H
Width (xx)		1400 mm - 55 in

Sealing properties

Sealing

Tested with heated roller

Good

Conditioning and Minimum Order Quantity

General

Dimensions (standard)

Roll of 300 m - (328 yd)

MOQ

300 m - (328 yd)

Weight and volume

2 rolls of TEREL 9H

(example)

Box 300X300X1425 mm

Consult us for other options

Weight 26kg

Storage Life

5 years

(based on manufacturing date)

Storage Conditions

under shelter at -10 to +30°C (+40 to +86°F) ; 10 to 70% RH

Conditions of use

General

The TEREL 9H films can be thermal sealed using thermal impulse bar or roller – the glue side is the matt side.

Designed for compatibility with covering films TEREL 9H, TEREL 11, TERFLAME 29

Please contact us for a test in your blanket configuration.

Use of TEREL 9H

The TEREL 9H films shall be used at ambient temperature: -10 to +25°C, 10 to 70% RH

Do not use solvent cleaning on the glue side – please contact us for solvent cleaning on film side

Position the 2 films glue side against glue side and activate the glue while applying the sealing tool.

Application

General

Manufacturing and repair of fuselage blankets made of TEREL 9H, TEREL 11, TERFLAME 29

Specifications

Qualified for AIRBUS applications according to ABS 5429 G 004 A and other platforms.

JEHIER system / product range linked

KB 65 FR for reinforcement and repair of insulation blankets.

JEHIER heat sealing machine for blanket shop.

All information identified in this datasheet is based on tests conducted by independent laboratories or by the manufacturer. This information is not product specifications and must only be used as a guide. Purchaser must independently determine the suitability of HUTCHINSON Aerospace products and materials for a particular application.

JEHIER
Route de Saint Lézin
49120 Chemillé
FRANCE



Phone: +33 (0)2 41 64 54 00
Fax: +33 (0)2 41 64 54 01
Email: info@jehier.fr
Website: www.jehier.fr