

# Hallmark Fraulo Limited



## The SF range of Self Adhesive Protection Foam

SF Self Adhesive Protection Foam is a low-tack self adhesive foam protection which provides high-performance protection on glass, varnished wood, ceramics, plastics etc.



**Hallmark Fraulo  
Limited**

**Suppliers of Adhesives & Abrasives Systems**

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## SF Self Adhesive Protection Foam High-performance protection

**SF Self Adhesive Protection Foam has numerous benefits:**

⇒ **Clean and aesthetic protection**

⇒ **Easy to apply**

⇒ **Perfectly removable**

*Leaves no residue or adhesive marks. The glue can be chosen according to the surfaces needing protection.*

⇒ **Economical**

*Saves time and materials — replaces the need to use several products (adhesive & protective tapes, foams, bubble films...)*

⇒ **Non-toxic**

⇒ **High performance**

*A film combined with a foam — foam thickness adapted to the application*

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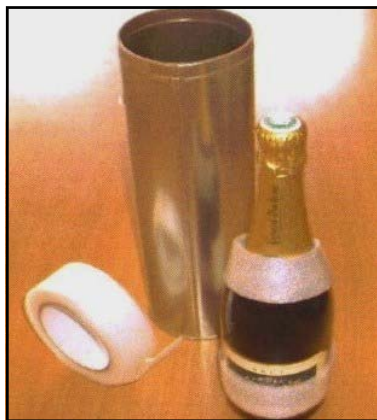


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## SF Protection Foam V. standard protection

### SF Self Adhesive Protection Foam:



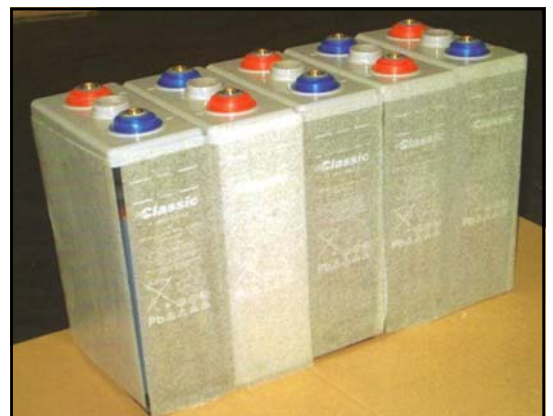
SF Self Adhesive  
Protection Foam



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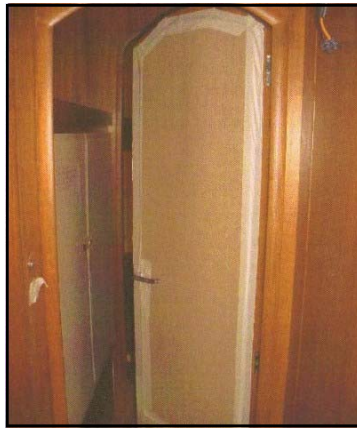
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## SF Protection Foam v. standard protection

### Standard protection:



Cardboard, wood &  
adhesive tape



Film, bubble film &  
adhesive tape



Peelable varnish

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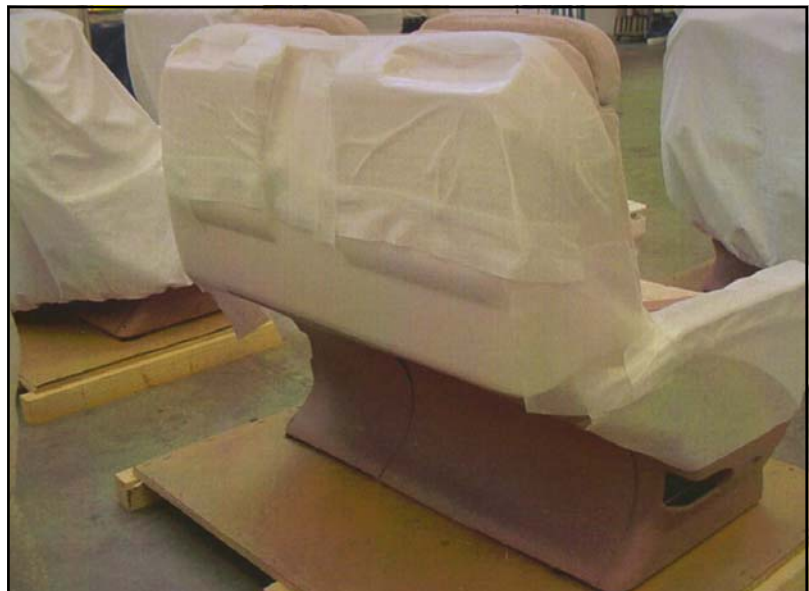
## SF Self Adhesive Protection Foam Range & Main Applications

REF	PEEL ON STEEL (N/25mm)	THICKNESS (µm)	LOG LENGTH (m)	APPLICATIONS	MAIN/REGULAR CUSTOMERS
SF7200	4.5	1100	50	Protection of plastics for the automotive industry. Sometimes permanent uses (Alveolaire).	Automotive & Aeronautic Industries
SF7222	4.5	2060	25	Protection of plastics for the automotive industry. Sometimes permanent uses (Alveolaire).	Automotive & Aeronautic Industries
SF7210	2.5	1100	50	Protection of many surfaces: glass, ceramics, plastic, varnished woods (monocomposant).	Marine Industry
SF7220	2.5	2060	25	Same as SF7210 but with a thicker foam.	Marine & Furniture Industries
SF7211	1	1100	50	For very fragile surfaces: metalized surfaces, bi-composant varnishes, glass, metal, etc	Aeronautic Industry & Mirror Manufacture
SF7221	1	2060	25	Same as SF7211, but with a thicker foam.	Bodywork & Aeronautic Industry

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## SF Self Adhesive Protection Foam Product construction

### What is it?:



**1. Foam**

Foam composition: closed cells polyethylene (1 or 2mm thick)

**2. Glue for lamination**

Acrylic based

**3. Support**

50 $\mu$  polyethylene

**4. Adhesive**

Transparent acrylic  
(3 different formulations)



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## SF Self Adhesive Protection Foam

### High-performance protection

#### SF Self Adhesive Protection Foam specification and uses:

SF7210 & SF7211: 1mm PE foam laminated onto a PE film for protection of fragile surfaces - removable without residue and age resistant. SF7211 is a version with even less adhesion for very difficult surfaces, like hot stamped material, varnishes, PVC, etc.

SF7220 & SF7221: 2mm PE foam laminated with PE film for protection and spacing of fragile surfaces - removable without residue and age resistant. SF7221 is the less adhesive version of the 2mm foam.

SF7200 & SF7222: 1mm and 2mm PE foam laminated on PE film with higher adhesion, designed for curved and granular surfaces, for example.

SF Protection Foam	Adhesive	Colour	Total thickness (µm)	Tensile strength (N/in.)	Elongation at break (%)	Adhesion to steel (N/in.)	Temperature resistance (°C)
SF7210	Acrylic	White	1100	>30	<200	2.5	60
SF7211	Acrylic	White	1100	>30	<200	1	60
SF7220	Acrylic	White	2060	>30	<200	2.5	60
SF7221	Acrylic	White	2060	>30	<200	1	60
SF7200	Acrylic	White	1100	>30	<200	4.5	60
SF7222	Acrylic	White	2060	>30	<200	4.5	60

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## SF Self Adhesive Protection Foam SF7210

### Short Description

Medium-low tack protection foam. Using SF7210 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
Carrier	Closed cell laminated polyethylene 1mm foam
Adhesive	Acrylic
Reinforcement film	50µ polyethylene film
Total thickness	1,1mm
Adhesion to steel	2,5 N/25mm
Tensile strength	> 30 N/25mm
Elongation at break	< 200%

### Application

High performance protection on glass, ceramics, plastics, varnished wood, etc. Main application fields: boat building, furniture and glass industries. SF7210 is non-toxic and can be used in confined environments.

FEATURES	BENEFITS
Adhesive	Very easy application — does not require any additional tape or strip Removes easily and cleanly Leaves no adhesive residue Adhesive level ensures high security fixing Clean and aesthetic protection
Carrier	The PE foam ensures a very high level of protection against scratches and damages
PE reinforcement film	Provides high flexibility and high conformability even on difficult surfaces High bond between film and foam allows high tensile strength and easy removability

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## SF Self Adhesive Protection Foam SF7220

### Short Description

Medium-low tack protection foam: thicker version than SF7210. Using SF7220 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
<b>Carrier</b>	Closed cell laminated polyethylene 2mm foam
<b>Adhesive</b>	Acrylic
<b>Reinforcement film</b>	50µ polyethylene film
<b>Total thickness</b>	2.06mm
<b>Adhesion to steel</b>	2,5 N/25mm
<b>Tensile strength</b>	> 30 N/25mm
<b>Elongation at break</b>	< 200%

### Application

High performance protection on glass, varnished wood, plastics, ceramics, etc. Main application fields are ship building, furniture and glass industries. SF7220 is non-toxic and can be used in confined environments.

FEATURES	BENEFITS
<b>Adhesive</b>	<p>Very easy application—does not require any additional tape or strip</p> <p>Removes easily and cleanly</p> <p>Leaves no adhesive residue</p> <p>Adhesive level ensures high security bond even on difficult surfaces</p> <p>Clean and aesthetic protection</p>
<b>Carrier</b>	The PE foam ensures a very high level of protection against scratches and any damages
<b>PE reinforcement film</b>	<p>Provides high flexibility and high conformability even on difficult surfaces</p> <p>High bond between film and foam allows high tensile strength and easy removability</p>

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## SF Self Adhesive Protection Foam SF7211

### Short Description

Low tack protection foam. Using SF7211 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
Carrier	Closed cell laminated polyethylene 1mm foam
Adhesive	Acrylic
Reinforcement film	50µ polyethylene film
Total thickness	1,1mm
Adhesion to steel	1 N/25mm
Tensile strength	> 30 N/25mm
Elongation at break	< 200%

### Application

High performance protection on very difficult surfaces: metals, metalized surfaces, bi-component varnishes etc. Main application fields: furniture and glass industries and the marine industry (boat building). SF7211 is non-toxic and can be used in confined environments.

FEATURES	BENEFITS
Adhesive	<p>Very easy application—does not require any additional tape or strip</p> <p>Removes easily and cleanly</p> <p>Leaves no adhesive residue</p> <p>Adhesive level ensures high security bond</p>
Carrier	The PE foam ensures a very high level of protection against scratches and any damages
PE reinforcement film	<p>Provides high flexibility and high conformability even on difficult surfaces</p> <p>High bond between film and foam allows high tensile strength and easy removability</p>

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## SF Self Adhesive Protection Foam SF7221

### Short Description

Low tack protection foam: thicker version than SF7211. Using SF7221 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
Carrier	Closed cell laminated polyethylene 2mm foam
Adhesive	Acrylic
Reinforcement film	50µ polyethylene film
Total thickness	2.06mm
Adhesion to steel	1 N/25mm
Tensile strength	> 30 N/25mm
Elongation at break	< 200%

### Application

High performance protection on very difficult surfaces: metals, bi-component varnishes, metalized surfaces, etc. Main application fields are ship building, furniture and glass industries. SF7220 is non-toxic and can be used in confined environments.

FEATURES	BENEFITS
<b>Adhesive</b>	Very easy application—does not require any additional tape or strip Removes easily and cleanly Leaves no adhesive residue Adhesive level ensures high security bond even on difficult surfaces Clean and aesthetic protection
<b>Carrier</b>	The PE foam ensures a very high level of protection against scratches and any damages
<b>PE reinforcement film</b>	Provides high flexibility and high conformability even on difficult surfaces High bond between film and foam allows high tensile strength and easy removability

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## SF Self Adhesive Protection Foam SF7200

### Short Description

High tack protection foam. Using SF7200 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
Carrier	Closed cell laminated polyethylene 1mm foam
Adhesive	Acrylic
Reinforcement film	50µ polyethylene film
Total thickness	1,1mm
Adhesion to steel	4 N/25mm
Tensile strength	> 30 N/25mm
Elongation at break	< 200%

### Application

High performance protection on plastics. Main application area is the automotive industry. SF7200 is non-toxic and can be used in confined environments. SF7200 ensures double protection both during handling (dirt and marks) and transport (shock proof).

FEATURES	BENEFITS
<b>Adhesive</b>	Very easy application—does not require any additional tape or strip Removes easily and cleanly Leaves no adhesive residue Adhesive level ensures high security bond even on difficult surfaces Clean and aesthetic protection
<b>Carrier</b>	The PE foam ensures a very high level of protection against scratches and any damages
<b>PE reinforcement film</b>	Provides high flexibility and high conformability even on difficult surfaces High bond between film and foam allows high tensile strength and easy removability

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## SF Self Adhesive Protection Foam SF7222

### Short Description

High tack protection foam. Using SF7222 is economical — it saves time and materials with the highest level of protection.

PRODUCT DATA	
Carrier	Closed cell laminated polyethylene 2mm foam
Adhesive	Acrylic
Reinforcement film	50µ polyethylene film
Total thickness	2,06mm
Adhesion to steel	4 N/25mm
Tensile strength	> 30 N/25mm
Elongation at break	< 200%

### Application

High performance protection on plastics. Main application areas are the automotive and marine industries. SF7222 is non-toxic and can be used in confined environments. SF7222 ensures double protection both during handling (dirt and marks) and transport (shock proof).

FEATURES	BENEFITS
<b>Adhesive</b>	Very easy application—does not require any additional tape or strip  Removes easily and cleanly  Leaves no adhesive residue  Adhesive level ensures high security bond even on difficult surfaces  Clean and aesthetic protection
<b>Carrier</b>	The PE foam ensures a very high level of protection against scratches and any damages
<b>PE reinforcement film</b>	Provides high flexibility and high conformability even on difficult surfaces  High bond between film and foam allows high tensile strength and easy removability

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