

J-Foam 3106 A+B

1. DESCRIPTION

J-Foam 3106 A+B is a two part polyurethane system (containing flame retardant additive) which reacts at room temperature to produce a flexible soft foam.

2. ADVANTAGES

- Self skinning in a closed mould.
- Contains a fire retardant additive.
- Easily cast from silicone moulds.
- Good for filling spaces in costume voids.
- Easily cut with a sharp knife.

3. APPLICATIONS

Casting of film or theatre props where a flexibility or softness is necessary either as a safety feature or for a moving model. Prototyping where a flexibility is required.

4. CHARACTERISTICS

a) CONSTITUENTS:

	Part A Polyol	Part B Isocyanate
Appearance	Viscous fluid	Viscous fluid
Colour	Translucent	Amber
Specific gravity /gcm ⁻³ @ 25°C	1.05	1.19
Viscosity /mPa @ 25°C	1600	212

b) MIXING:

Part A / w/w	Part B / w/w	Cream Tim / Secs	Rise Time / Secs	Free Rise Density Kg/m ³
100	60	17	130	53

Stir the polyol (Part A) prior to the addition of the isocyanate (Part B) to ensure a good dispersion of the flame retardant suspended in the polyol.

Mix parts A & B intensively for five seconds before pouring. For best results the mould temperature should be 30-40°C. (That is about 10°C higher than room temp). Demoulding should be possible after 4-7 minutes.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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5. PACKING

J-Foam 3106 A+B is supplied in metal containers as:-

- 10kg A + 5kg B to make a 15kg kit
- 20kg A + 10kg B to make a 30kg kit

6. HEALTH & SAFETY

(Refer to Health & Safety Data Sheet)

Both components are sensitive to moisture and should be stored in dry environment. Partly used containers should be resealed immediately after use. It should be thoroughly mixed by rolling the drum before use, as some separation can occur on standing.

- i. Keep working area well ventilated
- ii. Avoid contact with skin, eyes and clothing.
- iii. Wear suitable protective clothing.
- iv. Keep away from food, drink and animal foodstuffs.
- v. In case of eye contact, rinse thoroughly.
- vi. In case of skin contact, wash with soap and water.
- vii. If any irritation persists, or if you feel unwell after using this product, seek medical advice.

Please refer to health and safety data before use.

7. SHELF LIFE

J-Foam 3106 A + B has a minimum shelf life of six months when stored in the original unopened containers at a temperature between 18°C and 30°C.

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