

# FLEXIL-S RTV J24

## 1. DESCRIPTION

*Flexil-S RTV J24* is a two part silicone elastomer which cures at room temperature to a flexible 21-25 shore A material.

## 2. ADVANTAGES

- High elongation
- Good tear strength
- Precise reproduction
- Option of fast catalyst
- Beneficial specific gravity
- Available in 22 kg kits

## 3. APPLICATIONS

Suitable for the reproduction of models for scenery, restoration, fibrous plasterwork, model making and props.

Use with thixotropic agent (additive TC or HTC) for application with brush or by palette knife.

## 4. CHARACTERISTICS

### a) CONSTITUENTS:

	Flexil-S RTV J24
Description	Viscous fluid
Specific Gravity	1.15-1.19
Viscosity, mPa.s RVF Sp.5/speed 10	<35,000
Catalysed viscosity, mPa.s	<30,000

### b) MIXING

RTV + 10% Catalyst	Pot Life /mins	Demould/ hours	Full cure @ 20°C
STD Catalyst Aquamarine S10	30-90	16-24	5 days
Fast Catalyst Turquoise F10	20-30	3-4	1-2 days

### c) CROSSLINKING

Shore Hardness/A [ASTM D2 240 2mm film]	21-25
Tensile Strength/Mpa [DIN 53504]	>3.3
Elongation at break/1% [DIN 53504]	>350
Tear Strength KN/m [ASTMS D624 Notched Die B]	>20
Linear Shrinkage	<0.5

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

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Available in 22kg kits.

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## 6. HEALTH & SAFETY

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*(Refer to Health & Safety Data Sheet)*

Handling and mixing of **Flexil-S RTV J24** require the following precautions:

- i. Wear gloves & goggles
- ii. Do not eat, drink or smoke
- iii. Avoid swallowing, skin, or eye contact.
- iv. If contact does occur, wash with soap and clean water immediately & in the case of eye contact, consult a doctor

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## 7. SHELF LIFE

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**Flexil-S RTV J24** has a minimum shelf life of six months when stored in unopened cartridges at temperatures between 18 and 25°C.

**Note: If allowed to freeze RTV will be spoilt. If allowed to heat to excessive temperatures, gel times will be substantially shortened.**

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