

# METZ VITON AEROSOL FLUOROELASTOMER SPRAY COATING



## DESCRIPTION:

Metz Viton Aerosol is a spray can applied fluoroelastomer coating.

Metz Viton Aerosol coating is resistant to a wide range of chemicals, including many concentrated acids.

## FEATURES AND BENEFITS:

- **Outstanding Chemical Resistant**  
Resistant to a wide range of chemicals including concentrated sulphuric, nitric, hydrochloric and phosphoric acids.
- **Withstands temperatures from -40 to 160°C**
- **Ease of use**  
Simple convenient spray can application. Ideal for small area applications including patching damaged coatings in acidic environments.
- **High tensile strength and abrasion resistance**
- **Excellent adhesion to many substrates**
- **Quality Accreditation**  
The management system governing the development and manufacture of this product is proudly ISO9001:2015 certified.

## RECOMMENDED:

As a highly chemical resistant fluoroelastomer coating in:

- Laboratories
- Fertiliser plants
- Petrochemical plants
- Acid Manufacturing plants

Note: For critical applications as added protection install a Metz epoxy novolac or vinyl ester coating as appropriate beneath the Metz Viton Aerosol layers.

## NOT RECOMMENDED:

- For exposure to some ketones, esters and amines (eg: MEK, Acetone)
- For exposure to some concentrated acids (eg: concentrated Acetic Acid)
- For stand-alone use in areas where impact, abrasion or immersion is possible. Refer Metz for alternative products.

## PHYSICAL PROPERTIES: (Typical Values)

Solids content (by weight):	30%
Density (mixed product):	1.01g/cm <sup>3</sup>
Viscosity, cps:	40
Elongation:	300%
Tensile Strength:	5.0 MPa
Colour:	Grey



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## INSTRUCTIONS FOR USE

### 1. Temperature of Working Area

Maintain a temperature of between 15°C to 25°C on substrate and air during mixing, application and cure. At temperatures below 15°C, viscosity will increase and installation will become more difficult.

At temperatures above 25°C, working time will be reduced.

### 2. Surface Preparation

All surfaces to be jointed must be smooth, clean and dry. Remove all oil, grease and other contaminants that may inhibit bond. Abrasive blasting and degreasing with oil-free solvents is recommended.

*Metal* - Abrasive blast to AS1627.4 Class 2 1/2 with a minimum blast profile of 50 microns is recommended. Check surfaces for soluble salt contamination. If not immediately overcoating a corrosion inhibiting primer such as Metz Metal Primer is recommended.

For temporary repairs to damaged coatings chemically cleaning and light abrasion using abrasive paper is often all that is practical. For best results use masking tape to enable a full even coating right to the edge of patched areas.

Metz Metal Primer can be used for metal surfaces. Apply Metz Viton Aerosol after initial set of Metz Metal Primer but within 24 hours.

### 3. Mixing

#### a) *Mixing Procedure*

Shake well, listening to the rattle of mixing ball. Continue shaking for one minute afterwards.

#### b) *Clean Up*

Mixing equipment can be cleaned with METZ Cleaner, xylene, acetone or MEK prior to initial set

### 4. Installation

*Note:* Metz Epoxy Primer should be used if concrete is the substrate. Refer Metz Epoxy Primer data sheet for full instructions. Apply Metz Viton Aerosol after initial set of Metz Epoxy Primer but within 24 hours.

If Metz epoxy novolac or vinyl ester products are to be used refer to those data sheets for relevant installation details.

Spray in one direction in continuous motion in single coat. Allow 72 hours for solvent to evaporate. For best results cure compound at high temperature. Allow for solvent evaporation prior to making multiple coats or blisters may appear. Coating adheres well to itself

### 5. Setting/Curing

Metz Viton Aerosol will dry on the surface very rapidly (generally within 20 minutes), but will take longer to dry through the bulk of the material as the solvent escapes. Thin applications will cure in 1-2 days at 25°C. During this time, do not allow water, traffic or chemicals on the surface of the joint.

### 6. Storage

Store in original unopened containers at temperatures between 10° and 30°C. Under these conditions, shelf life is minimum of 12 months.

### 7. Safety Precautions

#### *Flammable:*

Avoid formation of sparks. No smoking or welding. Avoid build-up of fumes. Ensure adequate ventilation.

For full safety precautions refer to the Safety Data Sheets for this product.

**Always ensure you have the latest data sheet version, refer [www.metz.net.au](http://www.metz.net.au)**

1. The customer must comply strictly with the instructions contained in this product data sheet. Metz is not responsible for any advice or variations to this data sheet which are not confirmed in writing.
2. If the customer has a claim against Metz in respect of any product supplied to the customer by Metz whether due to a fault in the product or the negligence or breach of contract by Metz or for any other reason:
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