

- Easy to apply with no additional adhesives required
- Resists pressures up to 43.5 psi (3 Bar)

**2025 Product Sheet** 

### **Typical Applications**

109 Self-Amalgamating Repair Tape is a single use, instant curing silicone tape designed to stop live leaks on low pressure pipes. The flexible, self fusing formulation creates a secure, watertight seal upon application, making it an ideal emergency repair solution.

This single component tape is easy to use and requires no additional adhesives or curing time. It bonds effectively to hand-prepared or mechanically cleaned surfaces and resists pressures up to 43.5 psi (3 Bar), ensuring reliable leak containment. In addition to pipe repairs, it can be used for electrical insulation, bundling, and weatherproofing, offering a versatile, all-in-one solution for emergency maintenance.

- Emergency pipe leak repairs
- Low pressure water systems
- Suitable for diameters up to 2"
- Temporary sealing of fittings and joints
- Plumbing and industrial pipework maintenance

### **Characteristics**

#### **Appearance**

Colour Black

#### **Pack Sizes**

This product is available in the following pack sizes:

24mm x 3.6m (lin x 11.8ft) Suitable for diameters up to 2"

48mm x 10.9m (2in x 35.7ft) Suitable for diameters up to 2"

#### Storage Life

5 years if unopened and stored in normal dry conditions, 15-30°C (59-86°F)

#### **Overcoating Times**

Minimum: There is no minimum over coating time

Maximum: Indefinite with itself

### **Cure times**

Tape is supplied ready to use and self fuses instantly into a single uniform mass via the pressure applied during application procedure, however maximum strength is achieved over 24 hours.

# **Application Guide**

## **A. Surface Preparation**

#### Hand tools: Wire brush, coarse sandpaper or metal file

- 1 If possible, all oil and grease must be removed from the surface using an appropriate cleaner such as MEK.
- 2 All surfaces must be cleaned using wire brush, metal file, coarse sandpaper etc.
- Once abraded and if possible, the surface must be degreased and cleaned using MEK or similar type material.

### B. Product Preparation

#### Prior to mixing, please ensure the following:

1 The ambient & surface temperature is above 5°C (41°F).

## C. Application

- 1 Centre tape over the leaking surface and wrap the bandage around the pipe, pulling firmly throughout application, the tape should be stretched to approximately double its natural length as you wrap.
- 2 Remove backing film as the tape is applied.
- 3 Each wrap should overlap the previous wrap by approximately 50%.
- 4 The wrapping should extend a minimum of 50mm on each side of the repair (for high flow leaks this may require increasing).
- Wrap a minimum of 5 layers (where required repeat wrapping until the leak is arrested).

#### **Health & Safety**

Please ensure good practice is observed at all times during the application of this product. Protective gloves and other recommended personal protective equipment must be worn during the application of this product.

Before applying the material, please ensure you have read and fully understood all information.

# **Quick Application Guide**



#### Step 1

Centre the tape over the leak and wrap firmly around the pipe, stretching it to approximately double its natural length.



Step 2

Remove the backing film as you wrap, overlapping each layer by 50% for a secure seal.



#### Step 3

Ensure the wrap extends at least 50mm beyond the leak on both sides (increase for high-flow leaks).



#### Step 4

Apply a minimum of 5 layers, repeating as needed until the leak is fully sealed.

### **About Resimac**

A UK based manufacturer of epoxy and polyurethane coatings and repair materials.

From our head office in the heart of rural North Yorkshire, England we supply our range of Epoxy, Polyurethane & Silicone coatings and repair materials to the Oil & Gas, Petrochemical, Marine, Paper & Pulp, Water, Power Generation & Chemical Industries.

### **Legal Notice**

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# Information & Enquiries

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