## List of Related Materials for No.59 Series Anti-corrosion Tape

<table>
<thead>
<tr>
<th>Category</th>
<th>Function</th>
<th>Product No.</th>
<th>Specifications</th>
<th>Standard Quality Used</th>
<th>Feature, Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw Material</td>
<td>Anti-corrosion Tape</td>
<td>No.59, No.59H</td>
<td>Thickness x Width x Length x Quantity (joint) (mm)</td>
<td></td>
<td><em><strong>Petroleum based rust preventive and anti-corrosion tape which can be used for rust prevention and anti-corrosion of piping, machinery, etc.</strong></em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.59 HH</td>
<td>Thickness x Width x Length x Quantity (joint) (mm)</td>
<td></td>
<td><em><strong>Same specification as added in the characteristics of No.59H.</strong></em></td>
</tr>
<tr>
<td>Manufacturing Materials</td>
<td></td>
<td>No.59PM</td>
<td>2 cans / case.</td>
<td></td>
<td><em><strong>Suitable for underground material.</strong></em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.59M</td>
<td>4 bags / case.</td>
<td></td>
<td><em><strong>Suitable for underground material.</strong></em></td>
</tr>
<tr>
<td>Supplementary Materials</td>
<td></td>
<td>No.59 Polyethylene Tape</td>
<td>Thickness x Width x Length (mm)</td>
<td></td>
<td><em><strong>Suitable for underground piping.</strong></em></td>
</tr>
</tbody>
</table>

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* Nitto Denko Corporation Toyohashi Plant where the product is quality-assured and manufactured is a plant certified by ISO 14001 Environmental Management System Standard.
* The product is quality-assured and manufactured at Nitto Denko Corporation Toyohashi Plant that acquired ISO 9001(JQA-0454, BSI-FM-28540) certification.
* The contents of this catalog are current as of January 2020.

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**CAUTION**

For the most correct and safest use, be sure to read the “Handling Instructions” prior to use.

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No.59 Series Tape adheres tightly to any shape to give rust prevention and anti-corrosion of irregularly shaped parts.

Rusting of steel pipes and steel structures, together with hairline cracks, poses a major hazard as it advances. In order to conserve resources and energy, it is necessary to thoroughly prevent even minor rusting. At Nitto, we use No.59 Series Tape for rust prevention and anti-corrosion of irregularly shaped parts of the materials and places where rust prevention and anti-corrosion are applicable. No.59 Series tapes are made from a nonwoven fabric impregnated with a compound whose main ingredient is petrolatum, a substance derived from petroleum. Consequently this material possesses superior pliability and adheres tightly to any shape it is fitted into. Application is easy. It can either be wrapped and smoothed down, or it can be laid on and smoothed down, and forms an outstanding rust preventive, anti-corrosion layer.

Gives Outstanding Rust Prevention and Anti-corrosion Results

- Shuts out moisture and air from metallic surfaces.
- Rust preventive and anti-corrosion/petrolatum changes red rust to black rust, stabilizing it.
- Chemical resistance is excellent, so it prevents corrosion from acid, alkali and bacteria.
- Petrolatum, with its good adhesive strength, does not evaporate or harden, so it forms a rust preventive and anti-corrosion layer which always has adhesiveness.
- No special heat curing is necessary.
- It fits snugly against any shape, no matter how complex.
- Heating is not necessary. An anti-corrosion layer can be created simply by wrapping and smoothing down.
- Working time is shortened.

Four Types are Available to Meet Specific Needs

- No.59L, No.59H
  - For parts which are buried or which pass through water.
- No.59HN
  - For parts where flame retardation is required.
- For parts which are buried or which pass through water.
- Anti-corrosion of buried steel coolant pipes.

Application is Simple

- No special heat curing is necessary.
- It fits snugly against any shape, no matter how complex.
- Heating is not necessary. An anti-corrosion layer can be created simply by wrapping and smoothing down.
- Working time is shortened.

Major Uses

- Pipes, etc. (Not only straight sections, but also flanges, elbows, T-joints, etc.)
- Steel structures with complex shapes.
- For steel structures built in the sea or along tidal zones, the tape can be wrapped after applying an undercoat of underwater paste.
- For parts which are buried or which pass through water.
- Anti-corrosion of piping in the pit.
- Anti-corrosion for outside of underground tanks.
- Anti-corrosion for marine structures.
- Anti-corrosion of buried steel coolant pipes.

Cleaning the Base Material

Remove burns and rust. Clean off dirt, moisture and oil.

Application of Undercoat Material

Evenly apply undercoat material.

Winding of Tape

Gently pulling the tape, wind it around the pipe by 55% lapping.

Insertion of Filter Material

Fill gaps on irregular parts with filler material and make the surface smooth.

Wrapping of Protective Vinyl Tape

When burying the pipe, wrap it with polyethylene tape No.55 for protection.

When applying a finish coating, make sure to check the coating’s characteristics.

For more details on application procedures, please also refer to the “No.59 Series Key to Application”.

No.59 Series tape is used in these kinds of places.

Application Procedure

1. Cleaning the Base Material
   - Remove burns and rust. Clean off dirt, moisture and oil.

2. Application of Undercoat Material
   - Evenly apply undercoat material.

3. Insertion of Filter Material
   - Fill gaps on irregular parts with filler material and make the surface smooth.

4. Winding of Tape
   - Gently pulling the tape, wind it around the pipe by 55% lapping.

5. Smoothing Down the Tape
   - Smooth down the surface and make sure the tape is adhered sufficiently.

Cautions Concerning Use

- Petroleum is dissolved by organic solvents. Please do not use this product in places where there is danger of it coming in contact with organic solvents.
- When applying a finish coating, make sure to check the coating’s characteristics.
- For more details on application procedures, please also refer to the “No.59 Series Key to Application”.

Accredited Products

No.59L, No.59H and Anti-corrosion Polyethylene Tape No.55 are compliant with Common Specifications for Machinery and Construction*.