Double-sided adhesive tape for road maintenance and repair

MADE IN JAPAN

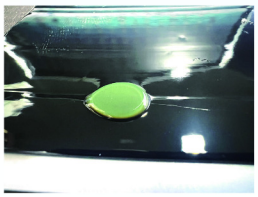
# ASPH tape

PAVEMENT JOINT TAPE

## 90 / JT Series

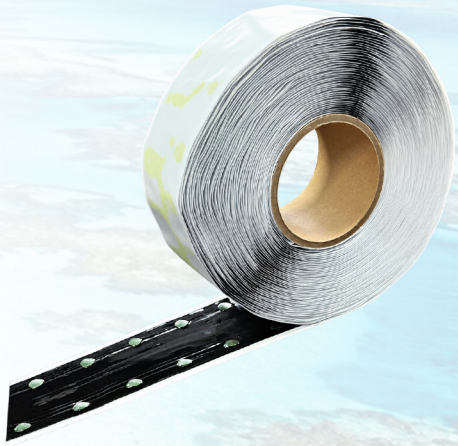
## Easy to apply. Easy to peel.

### Dot-pattern tape for patching, pavement replacement and mill-and-overlay work



### Dot-pattern adhesive

Easy to apply to vertical and horizontal surfaces. Fits I, L, U and T profiles; resists sagging and peeling. Strong adhesion at pavement joints.



## Product Specifications & Applications

| Product | Thickness | Width | Length / roll | Seal coat | Feather-edge Tack Coat | Side tack coat |
|---|---|---|---|---|---|---|
| ASPH tape 90 | 0.5 mm | 90 mm | 50 m | ○ | ○ | — |
| ASPH tape 30-1 | 1.0 mm | 30 mm | 20 m | ○ | — | ○ |
| ASPH tape 50-1 | 1.0 mm | 50 mm | 20 m | ○ | — | ○ |
| ASPH tape 100-1 | 1.0 mm | 100 mm | 20 m | ○ | — | ○ |

○: Suitable application

### Seal Coat



Application video

### Feather-edge Tack Coat



Application video

### Side Tack Coat



Application video

## Strong Bonds. Longer-lasting Pavement.

Helps prevent lifting at thin edges, aggregate loss and surface peeling. Improves water sealing and provides a neat joint finish. Reduces burner melting and curing work for more efficient installation.

As stated in the source: approx. 4.8× emulsion; approx. 1.4× straight-run asphalt.

## Bond Strength Comparison

| Material | ASPH tape | Emulsion (traditional) | Straight-run asphalt |
|---|---|---|---|
| Bond strength N/mm² | 1.16 | 0.24 | 0.80 |

Japan Patent No. 7337411 | NETIS CG-230014-A
NeTIDa 2021001

ISHIKAWA KENSETSU CO.,LTD

www.ishikawakensetsu.jp

**ASPH tape**

90 / JT SERIES

**MADE IN JAPAN**

# Installation & Handling Instructions

## Common Steps 01–03







### 01 Clean & Dry

Thoroughly remove mud, sand and dust with a broom or brush. If the pavement is wet, dry it with a blower or burner before applying the tape.

### 02 Apply the Tape

Press firmly onto the edge or joint. For side tack, the tape may be folded onto the base course or existing surface. Preheating helps in cold conditions.

### 03 Peel the Release Liner

In hot weather, resin may stick to the liner and make peeling difficult. Rub with the bottom of a chilled plastic bottle or similar item to cool the tape and make the liner easier to remove.

## 04 Finishing by Application

### Feather-edge Tack Coat

**ASPH tape 90**

Spray emulsion inside the taped area. Contact with the release liner is acceptable. Spread and compact hot-mix asphalt. Heat from the mix melts and bonds the tape. If melting is insufficient in cold weather, heat the feather edge with a burner while compacting.

### Seal Coat

**ASPH tape 90 / JT Series**

From spring to autumn, cover a tacky surface with sand, stone powder, silica sand, ceramic aggregate or No. 2 calcium carbonate for initial curing. Apply water only after the tape has fully melted and bonded. Water applied before a firm bond forms may cause lifting.

### Side Tack Coat

**JT Series**

Remove milling debris and saw-cut slurry. Preheating the existing pavement helps. If emulsion was applied first, let it dry. Residue impairs bonding and liner removal. Apply emulsion to areas outside the tape. Spread and compact hot-mix asphalt; its heat melts and bonds the tape.

## 05 Finish & Reopen to Traffic

Reopen after curing. If adhesion is weak, melt the tape with a burner to improve bonding, then cure before reopening. For water curing, confirm a firm bond before spraying water.





## Handling & Storage

Cut with a utility knife or silicone-coated scissors; resin may stick to ordinary scissors. Wear gloves to prevent injury. At 20°C or below, heat the bonding surface to around 50°C with a burner. Keep away from ignition sources. Store in a designated cool, dark place, away from direct sunlight, heat and humidity.

## First Aid (from the original handling instructions)

| Exposure | Action |
|---|---|
| **Eye contact** | Rinse eyes with water for at least 15 minutes. Seek immediate medical attention. |
| **Skin contact** | Remove contaminated clothing. Wash affected areas with plenty of water. |
| **Inhalation** | Move to fresh air. Seek immediate medical attention. |
| **Ingestion** | Rinse the mouth with water. Seek immediate medical attention. |