Water-sealing joint tape for pavements and bridges

MADE IN JAPAN

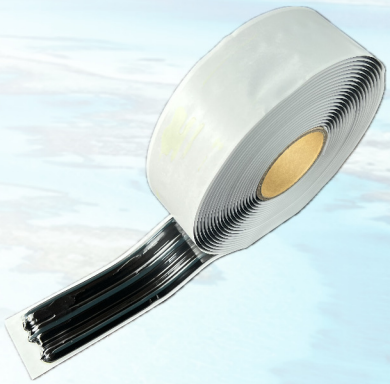
ASPH tape

PAVEMENT JOINT TAPE

3 mm Thick

Improved Water Sealing. Longer-lasting Pavements & Bridges.

Meets NEXCO East, Central & West water-sealing joint material specifications



Applications & Features

For milled or saw-cut pavement edges and bridge joints.
Preformed water-sealing joint tape / side tack coating.
High elasticity for bridges; low elasticity for earthwork sections.
Suitable for I, L and flat profiles.

Product Specifications — ASPH tape 60-3 [Typical Product]

Thickness: 3 mm | Resin width: 60 mm | Length: 10 m/roll | Weight: 2.0 kg
Packaging: 1 roll/box (10 m) | Box weight: 2.1 kg
Available widths: 30, 35, 40, 50, 60 and 100 mm



Three Strong Adhesive Lines

Application video

Installation Steps







01 Clean & Dry

Remove mud and dust with a brush.
Dry with a blower or burner.
Burner heating is effective for drying.

02 Apply the Tape

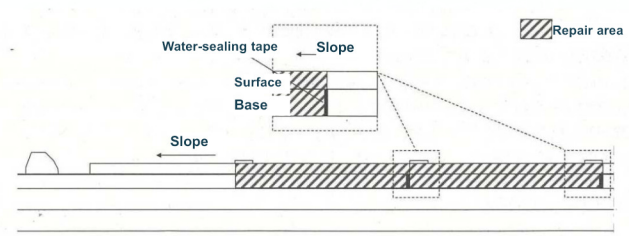
Press the tape onto the edge by hand, then peel off the white release liner.
Three strong adhesive lines eliminate the need for primer.

03 Spread & Compact

Heat from the asphalt mix melts and bonds the tape. Modified asphalt resin penetrates throughout to form an integrated joint.

04 Reopen to Traffic — Confirm Pavement Temperature ≤40°C

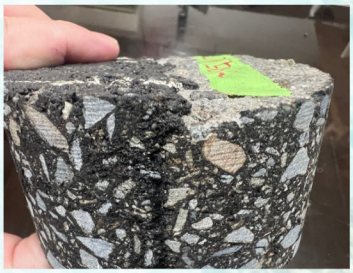
Tape Position / Cross-section



Preheating with a burner helps before application!



Integrated Core Sample



ISHIKAWA KENSETSU CO.,LTD

ASPH tape

3 mm THICK

MADE IN JAPAN

Test Results

3 mm | High elasticity (bridges) / Low elasticity (earthwork sections)

Test Item	Test Conditions	Unit	Result	High elasticity Requirement	Low elasticity Requirement	Test Laboratory
Thickness	High-precision digital thickness gauge	mm	**3**	**≥3**	**≥3**	In-house
Penetration	25°C	mm	**5**	**≤9**	**≤6**	Japan Road Contractors Association, Road Lab
Flow	Air: 60±1°C, 5 h Test: 60±1°C	mm	**0.2**	**≤3**	**≤5**	Same as above
Ball penetration, unaged: Initial penetration	25±0.1°C	mm	**1.0**	**0.5–1.5**	**—**	Same as above
Ball penetration, unaged: Recovery	25±0.1°C	%	**61.0**	**≥60%**	**—**	Same as above
Ball penetration, aged: Initial penetration	Air: 90°C, 168±2 h Test: 25±0.1°C	mm	**1.0**	**0.5–1.5**	**—**	Same as above
Ball penetration, aged: Recovery	Aging conditions as above	%	**77.3**	**≥60%**	**—**	Same as above
Extension	−10°C	mm	**≥20 High extensibility**	**≥10**	**≥3**	Same as above
3-point bending (reference)	Flexural stress	N/mm²	**1.16**	**—**	**—**	Kyoto Municipal Institute of Industrial Technology
Pressure permeability (reference)	Pavement Survey & Test Methods Handbook B017T	cm/sec	**No water penetration**	**—**	**—**	Shoken Test & Research Laboratory
Softening point (reference)	Pavement Survey & Test Methods Handbook	°C	**94.3**	**95°C±15**	**95°C±15**	Shoken Test & Research Laboratory

Notes on Specifications & Testing

Meets NEXCO East, Central and West requirements for high- and low-elasticity water-sealing joint materials.
High elasticity: follows Tokyo specifications for bridge-deck pavement joint materials.
Low elasticity: follows NEXCO pavement design guidelines for water-sealing joint materials.
Also follows the Pavement Construction Handbook (joint material quality) and NEXCO quality standards for poured joint sealants, and the Pavement Survey & Test Methods Handbook (2019), p. [4]-448, “Standard Quality of Hot-applied Poured Joint Sealants.”

Please request an SDS and quality certificate (test report) for each project.

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