

# Technical Data Sheet



**W V C O**

The Willamette Valley  
Company LLC

[www.wilvaco.com](http://www.wilvaco.com)

[www.polyquik.com](http://www.polyquik.com)

[www.FastPatchSystems.com](http://www.FastPatchSystems.com)

800.333.9826

Partnering through service,  
innovation, and integrity

# FastPatch TrenchSeal TS-1

Flexible Trench Sealant for Rapid Reinstatement

## DESCRIPTION

FastPatch TS-1 is a fast curing, slope grade, trench sealant with excellent adhesion and durability. TS-1 is designed for narrow and microtrench sealant applications with moderate movement requirements. Topping sand (black or natural) can be applied to provide a textured or color matched surface finish.

## WHERE TO USE

- Microtrenches
- Concrete or Asphalt
- Highways and Roads
- Sidewalks

## FEATURES AND BENEFITS

- **Easy-to-Apply** – meter or cartridge application
- **Rapid Cure** – as little as 1 hour return to service
- **Slope-Grade** – seals trench on slopes or grades
- **Flexible in Hot or Cold Climates**
- **Freeze-Thaw Resistant** – durable in cold climates
- **100% Solids, 0 VOC** — environmentally friendly

## PACKAGING

600-mL Cartridges  
50-Gallon (190 Liter) Drum  
250-Gallon (946-Liter) Tote

## COLOR

Black

## TOPPING SAND

Black or Natural

## SHELF LIFE

1 year when properly stored.

## STORAGE

Store and ship this product in clean, dry, low-humidity, and shaded or covered environments between 50 and 90°F (10-32°C)

## TYPICAL PROPERTIES

	Result	ASTM
Solids Content	100%, SCAQMD compliant	D2369
Tack-Free Time	40 minutes	C679
Concrete Adhesion, Primed with POLYQuik® Multiprime	39 ±5 pli (6.8 N/mm)	C794
Concrete Adhesion, Unprimed	16 ±1 pli (2.8 N/mm)	C794
Hardness	20-30 Shore A	C661
Recommended Install Dimensions	Width: 0.5 – 1.0 in. (12 -26 mm) Depth: 1.0 – 2.0 in. (26 – 51 mm)	-
Ultimate Elongation, Overnight 70°C Cure	≥ 500%	D412

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## APPLICATION INSTRUCTIONS

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For instructions on how to apply FastPatch TS-1 from bulk containers with WVCO/Pre-Tec meters, training will be provided. If you have specific questions related to your dispensing equipment, please contact your WVCO representative or customer support.

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## ESTIMATED COVERAGE

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Coverage chart assumes ½ inch (13mm) trench width for the entire length. 1 gallon = 231 in<sup>3</sup>

Trench Depth	in <sup>3</sup> per ft	Linear feet (meters) coverage per gallon (3.8 Liter)
0.5 in (13 mm)	3	77 (23.5)
1.0 in (25 mm)	6	38.5 (11.7)
1.5 in (38 mm)	9	25.7 (7.8)
2.0 in (51 mm)	12	19.3 (5.9)

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## HEALTH AND SAFETY

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Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS, please call 800-333-9826 or send an email to: [sds@wilvaco.com](mailto:sds@wilvaco.com)

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