

# PRODUCT DATA SHEET

## Westec TPER

### Chemically Resistant Waterstop

#### PRODUCT DESCRIPTION

Thermoplastic Elastomeric Rubber Waterstop for joint waterproofing of secondary containment structures.

#### USES

- Ethanol/Biodiesel
- Petrochemical Manufacturing
- Refineries
- Pulp and Paper Mills
- Land, Air and Seaports
- Pipeline
- Pharmaceutical Plants

#### CHARACTERISTICS / ADVANTAGES

- Embedded in concrete, across and/or along the joint, waterstops form a watertight diaphragm that prevents the passage of liquid through the joint.
- Suitable for contact with a wide range of chemicals including oils, fuels, acids, bases, and numerous solvents.
- Meets NSF/ANSI Standard 61.

#### PRODUCT INFORMATION

Packaging	Varies
Shelf Life	N/A
Storage Conditions	N/A

#### TECHNICAL INFORMATION

Shore A Hardness	85	(ASTM D2240)
Tensile Strength	2000 psi	(ASTM D638)
Tensile Modulus of Elasticity	1000 psi	(ASTM D638)
Elongation	450%	(ASTM D638)
Service Temperature	-70°F Brittle Point	(ASTM D746)

#### Chemical Resistance

Resistant to a wide range of chemicals. Please refer to the Westec® Chemical Resistance Chart available at [usa.sika.com](http://usa.sika.com) for commonly used chemicals or contact the waterproofing engineering department for any chemicals not

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## LIMITATIONS

The size, shape, and style of waterstop should be based on specific application needs. Please consult a Sika Engineer at 800-325-9504 for assistance with profile selection.

## ENVIRONMENTAL, HEALTH AND SAFETY

### APPLICATION INSTRUCTIONS

Westec® Envirostop® TPER Waterstop must be installed prior to concrete placement to ensure proper positioning and concrete consolidation around the waterstop. All transitions, intersections, and splices should be heat welded to maintain continuity. Factory Made Fabrications are recommended for all intersections and changes of direction. Specific installation requirements will vary depending on the style of profile, please refer to Sika’s TPER/PE Waterstop Installation Guide and TPER/PE Waterstop Splicing Guide available at [usa.sika.com](http://usa.sika.com).

### APPLICATION METHOD / TOOLS

All transitions, intersections, and splices must be heat welded using a Sika® Greenstreak® Splicing Iron in compliance with the instructions shown in Sika’s TPER/PE Splicing Guidelines found at [usa.sika.com](http://usa.sika.com).

## OTHER RESTRICTIONS

See Legal Disclaimer.

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any Sika literature or materials relieves the user of the

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SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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Product Data Sheet  
Westec TPER  
August 2024, Version 01.02  
020703100300000107

