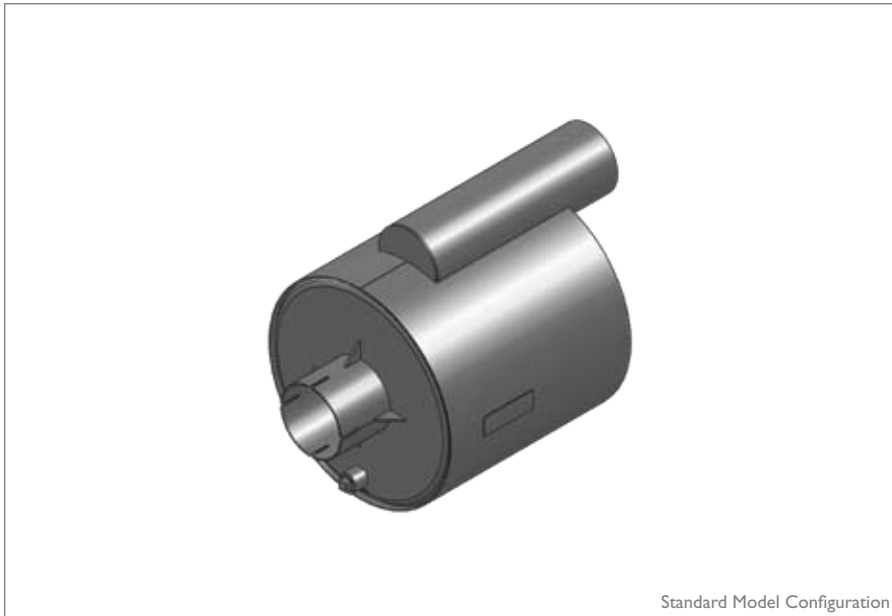




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# STANDARD COMPACT 30I SILENCER

[www.gteind.com](http://www.gteind.com) / +1.888.894.3726



Standard Model Configuration

#### Overview

- Pre-Engineered
- E-drawings available online
- In-stock materials
- Ready to build
- Four week delivery from time of order

#### To Order or for More Information

GTE Industries  
4121 NW 37th Street  
Lincoln, Nebraska 68524  
United States  
Clear Answers: +1.888.894.3726  
Fax: +1.402.323.7271  
[sales@gteind.com](mailto:sales@gteind.com)  
[www.gteind.com](http://www.gteind.com)



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## COMPLETE SOUND AND EMISSIONS SOLUTIONS FOR INDUSTRY

Started as a two-man operation in California over 30 years ago, GTE Industries has grown into a global leader providing sound and emissions solutions for industry. Our experience and leadership, combined with cutting-edge engineering and manufacturing continues to take our company to new heights. At GTE Industries, no challenge is too large, no detail too small. We pride our selves on providing the perfect solutions regardless of the situation. We are focused and determined as we journey ahead with a clear direction for the future.

GTE proudly stands upon our founding principles:

<b>Safety</b>	With stringent, thorough policies and procedures firmly established, safety is second nature at GTE Industries.
<b>Quality</b>	There is nothing more important than the quality of our products; in fact, we stake our reputation on it everyday in everything we do.
<b>Delivery</b>	We constantly seek the most efficient means to deliver products; we know our job isn't done until products are safely in our customers' hands.
<b>Productivity</b>	Striving to make GTE Industries the best place to work keeps our team the happiest, healthiest, hardest-working employees in the world.

## SALES ORDER TERMS AND CONDITIONS

### 1.0 COMPLETE AGREEMENT; NON-WAIVER

THE COMPLETE AGREEMENT BETWEEN THE COMPANY AND PURCHASER IS CONTAINED HERE IN, THE COMPANY TAKES EXCEPTION TO AND DOES NOT ACCEPT ANY TERMS OR CONDITIONS REQUESTED BY PURCHASER OR ANY OTHER THIRD PARTY AND NO ADDITIONAL OR DIFFERENT TERM OR CONDITION STATED BY PURCHASER SHALL BE BINDING UNLESS AGREED TO BY THE COMPANY IN WRITING, EXECUTED BY A DULY ELECTED AND ACTING OFFICER OF THE COMPANY. No course of prior dealings and no usage of the trade shall be relevant to supplement or explain any terms used in this Agreement. This Agreement may be modified only by a writing signed by both the Company and Purchaser. The failure of the Company to insist upon strict performance of any of the terms and conditions stated herein shall not be considered a waiver of any such term or condition or any of the Company's rights.

### 2.0 SCOPE OF SUPPLY

The Equipment is per the Company's standard design & construction. The added application of any Purchaser provided specifications may require modification to the Company's design and may result in increased cost and/or schedule.

The Company is providing equipment only. Purchaser shall be responsible for ascertaining that the Equipment is installed and operated in accordance with all code requirements and other applicable laws, rules, regulations and ordinances.

### 3.0 PRICING TERMS

(a) The prices agreed upon herein are exclusive of any present or future Federal, State, Municipal or other excise, sales, use, custom or port of or other like taxes or fees with respect to the Equipment. If the Company is required by applicable law or regulation to pay or collect any such tax or taxes on account of this transaction or the Equipment, then such amount of tax shall be paid by the Purchaser in addition to the prices provided herein.

(b) Prepaid freight will be added to the purchase price and invoiced.

(c) If Purchaser requests changes in the Equipment or delays progress of the manufacture or shipment of the Equipment, prices shall be adjusted to reflect increases in selling price caused thereby.

(d) Prices are subject to revision because of increases in material and labor cost during the period of manufacture.

(e) The Company shall not be called upon to make any allowance to Purchaser for material, labor, repairs or alterations made for its account unless authorized in writing by a duly elected and acting officer of the Company.

### 4.0 SHIPPING TERMS

Shipment is Free Carrier Company's facility or point of shipment, unless otherwise specified. Risk of loss of or damage to the Equipment shall pass to the Purchaser upon delivery of the Equipment or any portion thereof by the Company to a common carrier at Company's plant or point of shipment, in the case of shipments Free Carrier point of destination, risk of loss or damage to the Equipment shall pass to the Purchaser when the Equipment arrives at the nearest rail siding to point of destination, subject to clearance availability.

### 5.0 PAYMENT TERMS

Payment terms, subject to credit approval, are net thirty (30) days from date of shipment.

### 6.0 CANCELLATION

This Agreement is not subject to cancellation except by mutual agreement and at cancellation charges as determined by the Company.

### 7.0 DRAWINGS AND SUBMITTALS

All drawings and documents furnished to Purchaser by the Company is the work product of the Company who shall be deemed the author, and shall retain all common law, statutory law and other rights of ownership, including copyrights. Purchaser may make and retain copies for informational purposes only.



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## 8.0 PRODUCTION TIME

The Company will endeavor to make shipment of orders as scheduled. However, all shipment dates are approximate only, and the Company reserves the right to adjust shipment schedules at its sole discretion. UNDER NO CIRCUMSTANCES WILL THE COMPANY BE RESPONSIBLE OR INCUR ANY LIABILITY FOR COSTS OR DAMAGES OF ANY NATURE (WHETHER GENERAL, CONSEQUENTIAL, AS A PENALTY OR LIQUIDATED DAMAGES, OR OTHERWISE) ARISING OUT OF OR OWING TO ANY DELAYS IN DELIVERY.

When the Equipment is ready for shipment and shipment is delayed or postponed through any causes, or at Purchaser's request, the Purchaser shall (a) pay the Company's invoice for the Equipment as per payment terms, (b) arrange for storage of the Equipment covered by this Agreement other than at the Company's facility, unless by separate written agreement Company shall agree to store the Equipment and the charges for such storage.

## 9.0 NO PERFORMANCE GUARANTEES

The Company disclaims any and all performance guarantees except those specifically listed in this Sales Order. Any differing or additional guarantees, data or representations contained in any other document, including, but not limited to, advertisements, proposals, specifications, correspondence, or catalogs, are predictive only and are not binding upon the Company.

## 10.0 LIMITED WARRANTY; WARRANTY ADJUSTMENT; EXCLUSIONS; LIMITATION OF LIABILITY

### (a) Limited Warranty of Repair or Replacement

**The Company warrants to Purchaser that it will repair or replace at its option, any Equipment, or parts of Equipment, which, in the Company's judgment is defective in material or workmanship for a period of one (1) year after the date of shipment from the Company's facility.** For all Harmony™ Line Silencers, GTE warrants the same agreement for a period of three (3) years after the date of shipment from the Company's facility. This limited warranty to repair or replace is conditioned upon the Equipment being properly installed and maintained and operated under normal conditions. The Company shall be the sole judge in determining the nature of any defect in any of its Equipment and its sole obligation shall be to repair or replace the Equipment or any parts of the Equipment at its sole discretion and option.

Equipment, accessories and other parts and components not manufactured by the Company are warranted only to the extent of and by the original manufacturer's warranty to the Company, and in no event shall such other manufacturer's warranty create any more extensive warranty obligations of the Company to the Purchaser than the Company's warranty covering Equipment manufactured by the Company.

### (b) Exclusions from Warranty

(i) THE FOREGOING LIMITED WARRANTY OF REPAIR OR REPLACEMENT IS THE SOLE

WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER ORAL, EXPRESSED, IMPLIED OR ARISING BY OPERATION OF LAW, TRADE USAGE OR COURSE OF DEALING, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES RELATING TO MATERIALS OR COMPONENTS MANUFACTURED BY ANY PARTY OTHER THAN THE COMPANY.

(ii) The Company's warranty is solely as stated in (a) above and does not apply or extend, for example, to expendable items, ordinary wear and tear, altered Equipment, altered parts of Equipment, Equipment or parts of Equipment repaired by persons not expressly approved by the Company, materials not of the Company's manufacture, defects caused by the Company's reliance on specifications or directions provided by Purchaser, defects caused by Purchaser's failure to comply with the Company's directions or specifications, accident, the elements, abuse, misuse, lack of proper maintenance, or by erosive or corrosive substances.

### (c) Warranty Adjustment

The Company shall repair or shall replace Free Carrier at the Companies facility, any parts of the Equipment found to be defective in design, workmanship, or material within one (1) year from the date of shipment from the Company's facility, provided the Equipment is operated by the Purchaser in accordance with generally approved practice and in accordance with the conditions of service, if any, herein specified, and provided the Purchaser notifies the Company in writing within thirty (30) days of discovery of any alleged defect. Any warranty adjustments made by the Company shall not extend the initial warranty period set forth above. The warranty period for replacements to the Equipment made by the Company shall terminate upon the termination of the initial warranty period set forth above. Expenses incurred by Purchaser for labor to replace or repair or expenses to return the Equipment or any part or parts to Company will not be reimbursed by the Company.

### (e) Limitation of Liability

The warranty adjustment provision set forth in this paragraph shall be Purchaser's exclusive remedy and the extent of the Company's liability for breach of contract, breach of implied (if any) and express warranties, representations, instructions or defects from any cause in connection with the sale or use of the Equipment. THE COMPANY SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, DELAY OR CONSEQUENTIAL DAMAGES, OR FOR LOSS, DAMAGE OR EXPENSE, DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF THE EQUIPMENT, SPARE OR REPLACEMENT PARTS, OR FROM ANY OTHER CAUSE WHETHER BASED ON WARRANTY (EXPRESSED OR IMPLIED) OR TORT OR CONTRACT AND THE COMPANY'S TOTAL LIABILITY SHALL NOT EXCEED THE PURCHASE PRICE, regardless of any advices or recommendations that may have been rendered concerning the purchase, installation or use of the Equipment.



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# STANDARD COMPACT 30I SILENCER

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## 11.0 SECURITY INTEREST

To secure payment of the purchase price, Purchaser agrees that the Company shall retain a security interest in the Equipment until Purchaser shall have paid in cash the full purchase price when due, interest at the highest lawful contract rate until so paid and the costs of collection, including reasonable attorneys' fees. The Equipment shall at all times be considered and remain personal property and Purchaser shall perform all acts necessary to assure and perfect retention of the Company's security interest against the rights or interests of third persons. In the event Purchaser defaults in payment of any part of the purchase price when due, or fails to comply with any provisions of this contract, the Company shall have the remedies available under the Uniform Commercial Code.

## 12.0 LOSS, DAMAGE OR DELAY

The Company shall not be liable for loss, damage or delay resulting from any causes, including, but not limited to, causes beyond its reasonable control or caused by strikes or labor difficulties, lockouts, acts or omissions of any governmental authority or the Purchaser, insurrection or riot, war, fires, floods, Acts of God, breakdown of essential machinery, accidents, priorities or embargoes, car and material shortages, delays in transportation or inability to obtain labor, materials or parts from usual sources. In the event of any delay from such sources, performance will be postponed by such length of time as may be reasonably necessary to compensate for the delay. In the event performance by the Company of this Agreement cannot be accomplished by the Company due to any action of governmental agencies, or any laws, rules or regulations of any governmental agency, the Company (at its option) may cancel this Agreement without liability. **IN NO EVENT SHALL THE COMPANY EVER BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING SPECIAL, INDIRECT, INCIDENTAL, DELAY, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY NATURE.**

## 13.0 GOVERNING LAW

This Agreement is made and entered into in the State of Nebraska, County of Lancaster, and shall be construed and interpreted in accordance with the laws of the State of Nebraska (including the provisions of the Nebraska Uniform Commercial Code), without regard to its conflict of laws provisions. With regard to any disputes which arise hereunder, Purchaser hereby submits to the exclusive jurisdiction and venue of the District Court of Lancaster County, Nebraska or the United States District Court for the District of Nebraska. Purchaser also agrees not to bring any action or proceeding arising out of this Agreement in any other court or jurisdiction. Purchaser waives any defense of inconvenient forum to the maintenance of any action or proceeding so brought and waives any bond, surety, or other security that might be required of the Company.

## 14.0 JOINT DRAFTING

The Company and Purchaser expressly agree that this Agreement was jointly drafted, and that they were both involved in negotiating the terms of this Agreement and that this Agreement shall not be construed in favor of, nor against, either party.

## RETURN POLICY

Written notice must be given to GTE Industries, Inc. immediately upon discovery of any defect. All returned products must be pre-approved in writing by GTE Industries and all return shipments must be prepaid by the purchaser (FOB) and identified with Return Material Authorization (RMA) number issued by GTE Industries. A 25% restocking fee will be made on goods returned within 6 months of shipment.

All Repeat Engineered to Order (ETO) and Engineered to Order (ETO) products are non-returnable.

## INTERNATIONAL CUSTOMERS

Customers outside the United States are invited to call our Clear Answers department at +1-888-894-3726 for financing and terms tailored to your specific needs.

## ADDITIONAL FINANCING

GTE Industries works to serve our customers to the fullest, extending a full range of financing options. If your company would like to request or negotiate tailored terms, please contact GTE's Clear Answers department and they will happily assist.

All data in this publication is based on years of research and experience, and represents the best information available at the time of printing. Because of developments and changes, the information contained in this catalog is subject to change without notice.

## GTE Industries' Product Line

GTE Industries extends a full line of products, with catalogs for each of the following:

- Standard Sound Solutions
- Harmony™ Line Sound Solutions
- Full Line of Accessories
- Emissions Solutions
- GTE Legacy Silencer Solutions

Visit Our New Website at: [www.gteind.com](http://www.gteind.com)

E-Mail: [info@gteind.com](mailto:info@gteind.com)

Clear Answers +1-888-894-3726

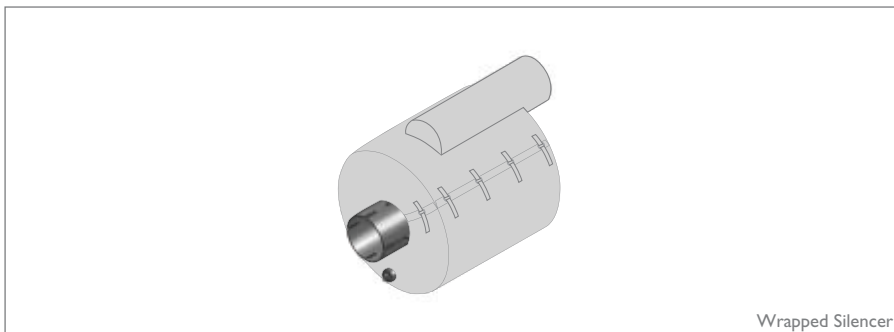
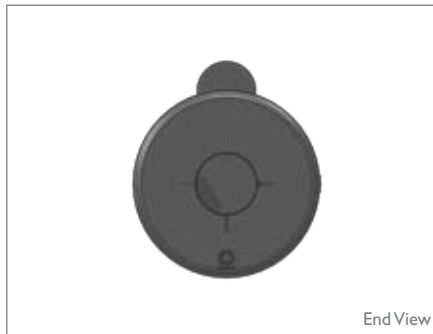
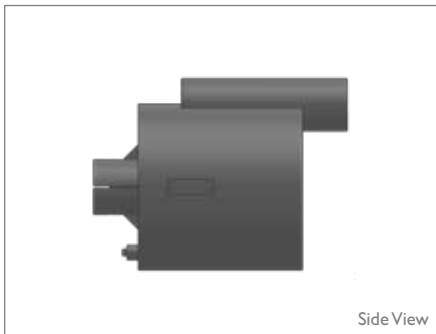
Fax +1-402-323-7271



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# STANDARD COMPACT 30I SILENCER

[www.gteind.com](http://www.gteind.com) / +1.888.894.3726



## Overview

GTE Industries' 300 Series Silencers feature an advanced design that provides residential grade performance and low pressure drop in a space-saving, compact size. The 300 Series is ideal when ambient noise levels are moderate. It performs especially well inside enclosures and for marine applications.

## Features & Benefits

- Sound Attenuation: Residential Grade (19-25 dBA)
- Construction: Standard all welded heavy-duty carbon steel
- High-density compressed thermal/acoustical insulation-packed shell
- Standard high-heat black powder coat
- Streamlined Ordering Process: Easy ordering for even the most inexperienced buyers
- Style I Exhaust flow

## To Order or for More Information

GTE Industries  
4121 NW 37th Street  
Lincoln, Nebraska 68524  
United States  
Clear Answers: +1.888.894.3726  
Fax: +1.402.323.7271  
[sales@gteind.com](mailto:sales@gteind.com)  
[www.gteind.com](http://www.gteind.com)

**NOTE:** Visit [www.gteind.com](http://www.gteind.com) for e-drawings



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# STANDARD COMPACT 30I SILENCER

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### Application

Advance design provides residential grade performance and low pressure drop in a space saving compact size. Ideal for use where ambient noise levels are moderate. Excellent for use inside enclosures and marine applications.

High Heat Black Powder Coat Standard.

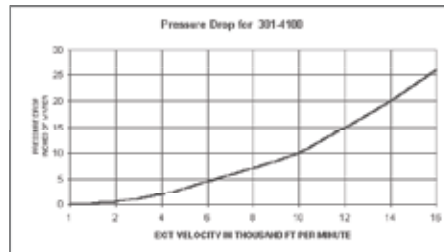
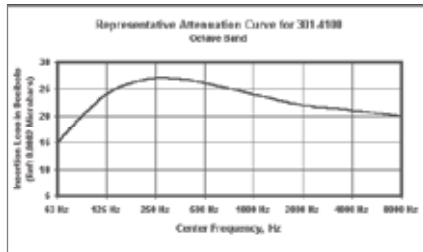
### Construction

All welded heavy-duty Carbon Steel construction. Silencers are internally insulated throughout with high density compressed acoustical fiberglass insulation.

### Thermal Performance

The 30I-4100 Series utilizes thermal/acoustical insulated packed shells. The packed shell can provide considerable reduction in the outer surface of the silencer, depending on application and ambient conditions. The 30I is the ideal choice for enclosures or restricted engine compartments. Additional outer thermal wraps are also available for further heat reduction. Consult factory for more detailed analysis.

Typical Attenuation: 19 to 25 dBA

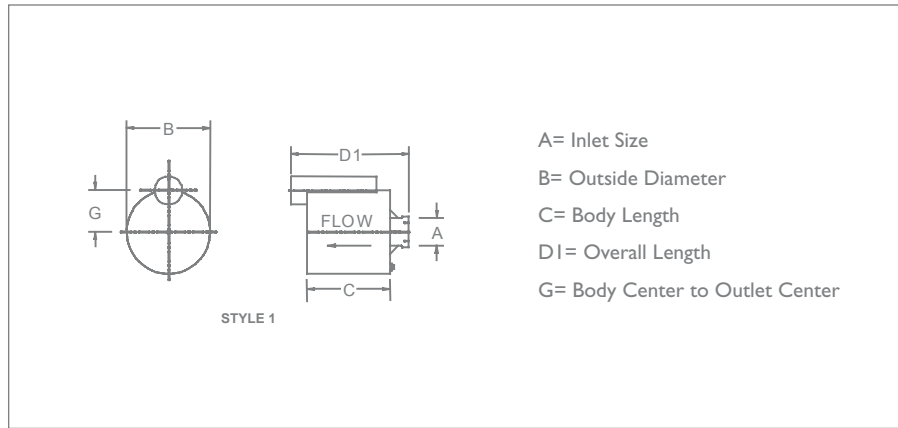




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# STANDARD COMPACT 301 SILENCER

www.gteind.com / +1.888.894.3726



## NOTES

- Visit [www.gteind.com](http://www.gteind.com) for e-drawings
- Velcro wrap available in blue or gray - specify when ordering

## Options and Sizes

### 301 Series Silencer

A	B	C	D1	G	Wt.	Model #	Price	Installed Velcro Wrap
2	7	7.5	13.5	3.5	17	301-4102	~	~
2.5	8	8	14	4	19	301-41025	~	~
3	9	9	15	4.5	25	301-4103	~	~
3.5	11	11	17	5.5	37	301-41035	~	~
4	12	13	19	7	48	301-4104	~	~
5	14	14	20	7	65	301-4105	~	~
6	16	18	26	8	95	301-4106	~	~
8	20	22	30	10	141	301-4108	~	~

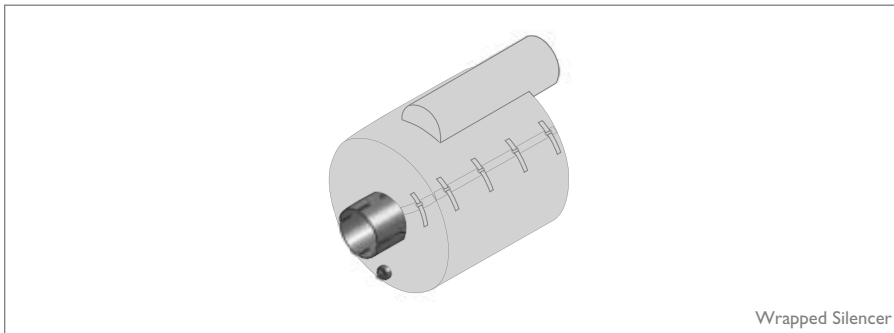
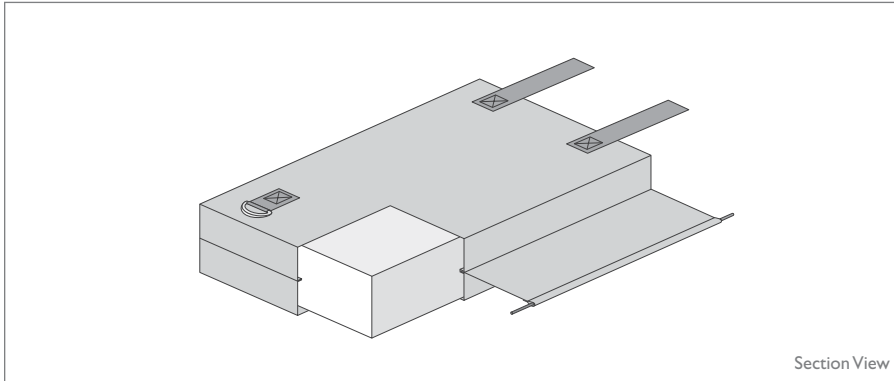
When ordering wraps, add a "VV" to the model #. I.E. 301-VV-4102



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# VELCRO THERMAL INSULATION WRAPS

www.gteind.com / +1.888.894.3726



## Overview

From the largest silencers to small accessories, thermal wrap provides a tough, durable exterior that can be custom fitted for nearly any product or accessory. It's easy to install, and significantly reduces surface temperature. GTE Industries offers the industry's most effective thermal wrap, available with many features and options.

## Features & Benefits

- Temperature Range: 20°F to 1200°F
- Thickness: Approximately 1.00"
- Insulation: 1" thick thermal insulation
- Inner Jacket: 20 oz. vermiculite coated thermal cloth
- Outer Jacket: 17 oz. Teflon coated thermal cloth
- Construction: 10-ply 304 stainless steel thread
- Attachments: High-temp Velcro strips and belts with stainless steel double D-rings
- 100% asbestos free
- Easy to install and remove
- All dimensions are in inches
- Velcro wrap available in blue or gray - specify when ordering

**Related Products:** Tubing, Bellows, Cones

## To Order or for More Information

GTE Industries  
4121 NW 37th Street  
Lincoln, Nebraska 68524  
United States  
Clear Answers: +1.888.894.3726  
Fax: +1.402.323.7271  
sales@gteind.com  
www.gteind.com

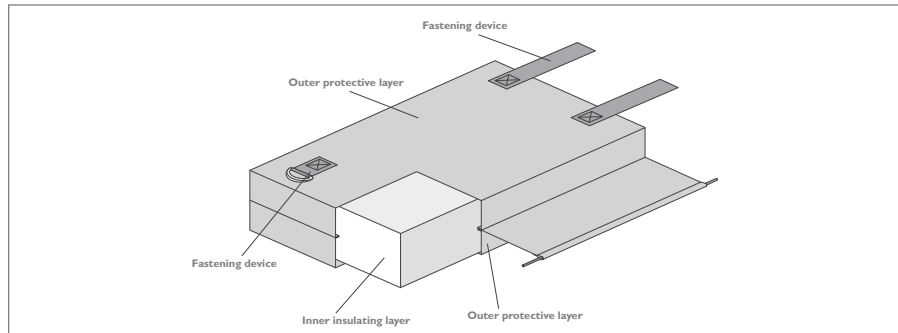
**NOTE: wrap available for all GTE silencers. Refer to silencer section of catalog for information and pricing**



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# VELCRO THERMAL INSULATION WRAPS

www.gteind.com / +1.888.894.3726



Non-Standard sizes & custom solutions available. See ETO Section

## Type

Custom designed flexible, removable, insulation blankets

## Applications

Engine exhaust manifolds, elbows, turbos, flex, piping, silencers, valves, heat exchangers, wyes etc.

## Recommendation

Thermal Wraps are recommended for process temperatures up to 1200°F (649°C).

## Temperature Range

20°F to 1200°F

## Thickness

Approximately 1.00 inch

## Insulation

1 inch thick, 11 pound density insulation composed of 100% Type "E" fibers, fabricated in a mat form free of asbestos

## Inner Jacket

20 ounce vermiculite coated thermal cloth

## Outer Jacket

17 ounce gray or blue Teflon coated thermal cloth

## Construction

10-ply 304 stainless steel thread

## Attachments

High-temp Velcro strips and belts with stainless steel double D-rings

## Tags

Stainless steel

## Physical Properties

Surface Temperature	Used on surfaces up to 1200° F
Fire Resistance	Incombustable
Density (approximate)	11 lbs/cu.ft.
Loss in Weight @ 1200° F	Up to 2%
Moisture Absorption	Negligible
Softening Point	1500° F
Strain Point	1100° F
Annealing Point	1200° F
Fusion Temperature	No fusion

## Thermal Conductivity

K value at 11 lbs/cu.ft. (per ASTM C 177)	
Mean Temperature	K btu-in/sq ft/hr/°F
300° F .....	0.40
500° F .....	0.50
700° F .....	0.65

## Specification Compliance

MIL-I-24244  
 NRC-136  
 NFPA 255 & 110  
 UL 492 (Self Extinguishing)  
 US Coast Guard Certificate 164.009/94/0

NOTE: GTE Velcro Thermal Wraps are not recommended for outdoor use. Doing so will void all warranties.

www.gteind.com