

# REMOVABLE THERMAL INSULATION COVER CATALOG



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**YOUR EXHAUST SYSTEM COMPONENTS SOLUTION**

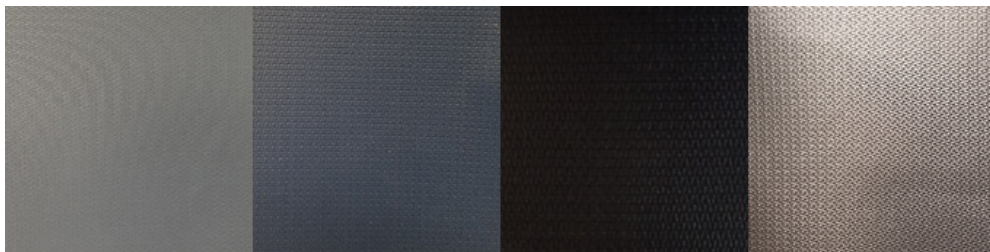
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*For products not included in the catalog, please contact us for a quote.*

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## AVAILABLE COLORS

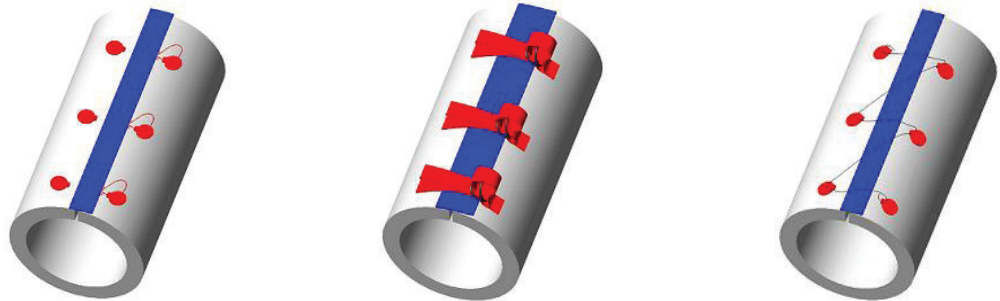


Standard (Grey)

Blue

Black

Metallic



	SPRING/LOOP (WS)	VELCRO/BELTS (WV)	Q-HOOKS
Temperature Range	20 F – 1100 °F	20 F – 1100 °F	20 F – 1100 °F
Surface Temperature	Up to 1000 °F	Up to 1000 °F	Up to 1000 °F
Loss in weight @1200 °F	Up to 2%	Up to 2%	Up to 2%
Thickness	Approximately 1.00"	Approximately 1.00"	Approximately 1.00"
Insulation	Type "E" Fiberglass (Asbestos Free)	Type "E" Fiberglass (Asbestos Free)	Type "E" Fiberglass (Asbestos Free)
Density	11lbs/cft	11lbs/cft	11lbs/cft
Outer Jacket	17oz Silicone Coated Thermal Cloth	17oz Silicone Coated Thermal Cloth	17oz Silicone Coated Thermal Cloth
Inner Jacket	304 SS Wire Mesh	304 SS Wire Mesh	304 SS Wire Mesh
Construction	10 ply 304 SS Thread	10 ply 304 SS Thread	10 ply 304 SS Thread
Attachment	SS Spring/Loop System	Flame resistant Velcro strips & belts with SS double D-rings	SS Quilting anchors & SS Tie Wire
Fire Resistance	Incombustible	Incombustible	Incombustible
Moisture Absorption	Negligible	Negligible	Negligible
Softening Point	1500 F	1500 F	1500 F
Strain Point	1100 F	1100 F	1100 F
Annealing Point	1200 F	1200 F	1200 F

Special items are not refundable. All catalog items are standard sizing. Call factory for pricing on non-standard items. All weights are approximate and in pounds. Contents subject to change without notice. Minimum order amount \$50.

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## READ THROUGH THE ENTIRE MANUAL BEFORE PROCEEDING WITH INSTALLATION

Any procedures presented in this guide are suggestions only, and it is the responsibility of the owner/operator to ensure that the installation is done only by trained, qualified individuals, and performed according to all applicable codes including, but not limited to, local codes for your municipality, city, county and state; this includes all electrical and mechanical work. All workers must be trained in the proper safety procedures and appropriate PPE and attire must be worn at all times.

### INSTALLATION

1. Prior to unpacking, check all components for shipping damage.
2. Remove all blankets from the box.
3. Lay all pieces on flat surface while putting them in position as shown on assembly drawing. Blankets need to be flattened and stretched on a clean, flat surface to maintain their proper shape. Handle blankets with care during this procedure to avoid any damage to the fabric.
4. Ensure components are cool to touch and all adjacent equipment is properly locked out.
5. Ensure all proper PPE is used.
6. All surfaces must be clean and dry.
  - a) Do not use chloride or halide-based cleaners.
7. Do not expose to hot work or open flames.
8. Do not rig or mount any straps to covers.
9. Do not pinch or compress covers with mounting fixtures/equipment during installation. This may cause premature failure or limit protective ability.
10. Start installation of blankets while referring to the assembly drawing [blankets are numbered 1/...2/...3..., etc.]
11. Do not tightly secure blankets until all pieces are installed.
12. Starting with item 1 tighten each part of assembly for final position.

**Thank you for choosing inExhaust as your exhaust system components solution!**  
**For any questions, please contact us at [sales@inExhaust.com](mailto:sales@inExhaust.com)**



**Example of a Removable  
Thermal Insulation  
Cover on a Silencer**

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## TUBE, FLEX, BELLOWS & ELBOW

Tubing		
PART NUMBER	OD	APPLICATION
110-WV-030-L12	3	Tube
110-WV-035-L12	3.5	Tube & 3" Pipe
110-WV-040-L12	4	Tube & 3.5" Pipe
110-WV-050-L12	5	Tube
110-WV-060-L12	6	Tube
110-WV-080-L12	8	Tube
110-WV-100-L12	10	Tube
110-WV-120-L12	12	Tube
110-WV-140-L12	14	Tube
110-WV-160-L12	16	Tube
110-WV-180-L12	18	Tube
110-WV-200-L12	20	Tube
110-WV-220-L12	22	Tube
110-WV-240-L12	24	Tube
110-WV-260-L12	26	Tube
110-WV-280-L12	28	Tube
110-WV-300-L12	30	Tube
110-WV-360-L12	36	Tube

Bellows	
PART NUMBER	NS
123-WV-030-L13	3
123-WV-035-L13	3.5
123-WV-040-L13	4
123-WV-050-L15	5
123-WV-060-L17	6
123-WV-080-L17	8
123-WV-100-L17	10
123-WV-120-L17	12
123-WV-140-L17	14
123-WV-160-L17	16
123-WV-180-L17	18
123-WV-200-L17	20
123-WV-220-L17	22
123-WV-240-L17	24
123-WV-260-L17	26
123-WV-280-L17	28
123-WV-300-L17	30
123-WV-360-L17	36

Flex	
PART NUMBER	NS
121-WV-030-L12	3
121-WV-035-L12	3.5
121-WV-040-L12	4
121-WV-050-L12	5
121-WV-060-L12	6
121-WV-080-L12	8
121-WV-100-L12	10
121-WV-120-L12	12

90° Tube Elbow (SR) Tangent Cut		
PART NUMBER	NS	APPLICATION
130-WV-030-L3H3	3	Tube
130-WV-035-L3.5H3.5	3.5	Tube & Pipe
130-WV-040-L4H4	4	Tube
130-WV-050-L5H5	5	Tube
130-WV-060-L6H6	6	Tube
130-WV-080-L8H8	8	Tube
130-WV-100-L10H10	10	Tube
130-WV-120-L12H12	12	Tube

\*For Spring or Q-Hook, substitute WV with WS (Wrap Spring) or WH (Q-Hook)

All dimensions are in inches. NS=Nominal Size, OD=Outside Diameter, WT=Weight

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**ELBOWS & FLANGES**

90° Mitred Elbow (Short Radius)		
PART NUMBER	NS	APPLICATION
131M-WV-080-L8H8	8	Tube
131M-WV-100-L10H10	10	Tube
131M-WV-120-L12H12	12	Tube
131M-WV-140-L14H14	14	Tube
131M-WV-160-L16H16	16	Tube
131M-WV-180-L18H18	18	Tube
131M-WV-200-L20H20	20	Tube
131M-WV-220-L22H22	22	Tube
131M-WV-240-L24H24	24	Tube
131M-WV-260-L26H26	26	Tube
131M-WV-280-L28H28	28	Tube
131M-WV-300-L30H30	30	Tube

90° Tube Elbow (Long Radius)		
PART NUMBER	NS	APPLICATION
133-WV-030-L5H5	3	Tube
133-WV-035-L5.5H5.5	3.5	Tube & Pipe
133-WV-040-L6H6	4	Tube
133-WV-050-L10H10	5	Tube
133-WV-060-L10H10	6	Tube

45° Tube Elbow (SR) Tangent Cut		
PART NUMBER	NS	APPLICATION
135-WV-030	3	Tube
135-WV-035	3.5	Tube & Pipe
135-WV-040	4	Tube
135-WV-050	5	Tube
135-WV-060	6	Tube
135-WV-080	8	Tube
135-WV-100	10	Tube
135-WV-120	12	Tube

45° Tube Elbow (Long Radius)		
PART NUMBER	NS	APPLICATION
136-WV-030-L12	3	Tube
136-WV-035-L14	3.5	Tube & Pipe
136-WV-040-L12	4	Tube
136-WV-045-L12	4.5	Pipe
136-WV-050-L28	5	Tube
136-WV-056-L28	5.56	Pipe
136-WV-060-L20	6	Tube

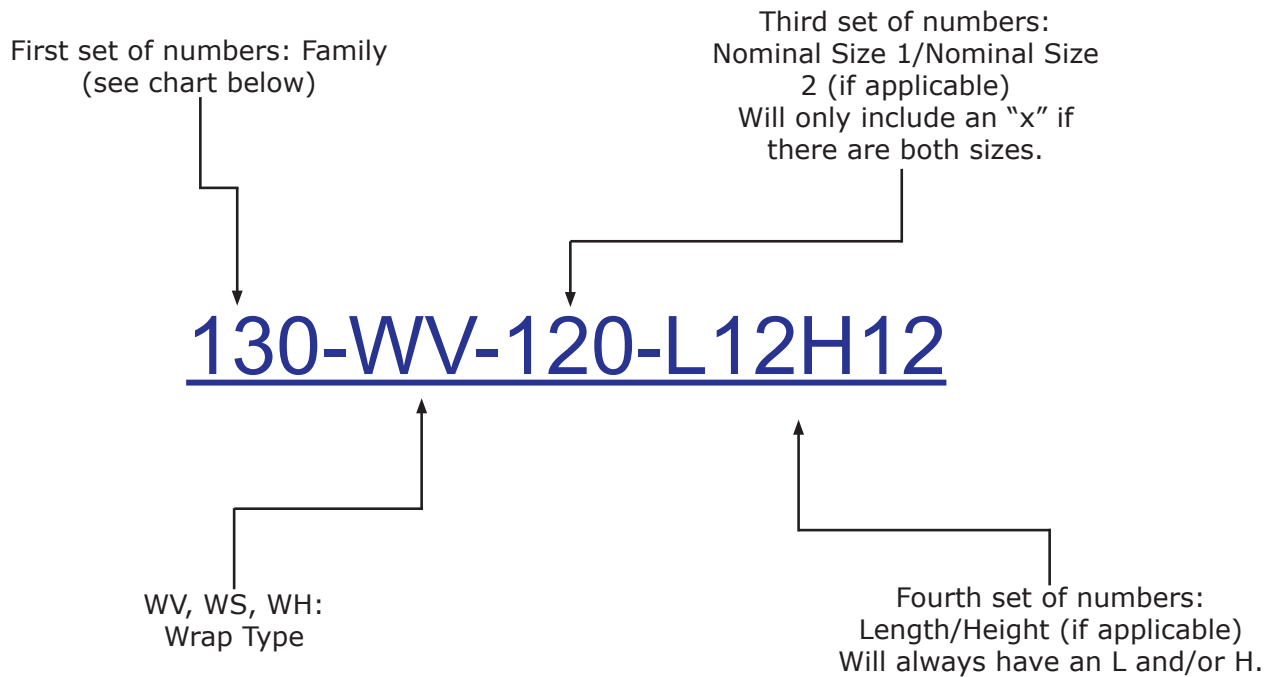
ANSI Flange	
PART NUMBER	NS
160-WV-030	3
160-WV-035	3.5
160-WV-040	4
160-WV-050	5
160-WV-060	6
160-WV-080	8
160-WV-100	10
160-WV-120	12
160-WV-140	14
160-WV-160	16
160-WV-180	18
160-WV-200	20
160-WV-220	22
160-WV-240	24
160-WV-260	26
160-WV-280	28
160-WV-300	30
160-WV-320	32
160-WV-340	34
160-WV-360	36

\*For Spring or Q-Hook, substitute WV with WS (Wrap Spring) or WH (Q-Hook)

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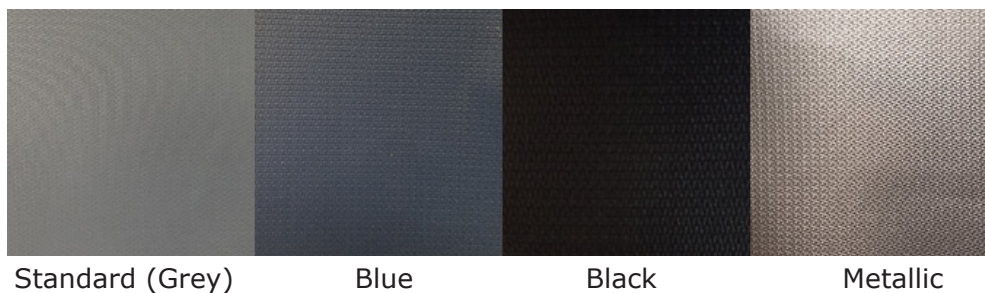
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Family Number	Description
110, 121-123, 130-133, 135, 136, 160	Accessory Wrap

Abbreviations	
L	Length
H	Height
NS	Nominal Size
WV	Wrap Velcro
WS	Wrap Spring
WH	Wrap Q-Hooks

## AVAILABLE COLORS



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- Please review the quotation/order when received to ensure accuracy on agreed price and lead time
- Multiple parts and/or large quantity parts may extend lead times
- Custom parts that are quoted and then ordered are non-refundable, non-restockable, and non-returnable
- Freight is Ex Works (EXW) Factory
- Minimum order \$50

Delivery from inExhaust<sup>™</sup>, hereafter referred to as Manufacturer, is defined as the date/time the equipment leaves the Manufacturer's shipping dock.

Manufacturer provides two options for shipping terms. **By default, the Manufacturer shall choose Option 1 unless directed by the Purchaser or otherwise specified.**

## OPTION 1

Shipment is Ex Works (EXW) Factory, Freight Prepaid & Add

- a) The Manufacturer pays and invoices Purchaser for freight charges
- b) The Purchaser assumes the title and control of the equipment at the moment the carrier signs the bill of lading
- c) The Manufacturer reserves the right to select the freight carrier
- d) The Purchaser is responsible for filing and settling claims for loss or damage of equipment

## OPTION 2

Shipment is Ex Works (EXW) Origin Freight Collect.

- a) The Purchaser pays and bears the freight charges
  - b) The Purchaser assumes title and control of the equipment at the moment the carrier signs the bill of lading
  - c) The Purchaser is responsible for filing and settling claims for loss or damage of equipment
- All drawings and documents furnished to Purchaser by the Manufacturer is the work product of the Manufacturer 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.
  - The Manufacturer will endeavor to make shipment of orders as scheduled whenever possible. However, all shipment dates are approximate only, and the Manufacturer reserves the right to adjust shipment schedules at its sole discretion.

**UNDER NO CIRCUMSTANCES WILL THE MANUFACTURER 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.**



## CONTINUED

### Origin Freight Collect Delay of Shipment

When the equipment is ready for shipment and shipment is delayed or postponed through any causes, or at Purchaser's request, the Purchaser shall:

- Pay the Manufacturer's invoice for the equipment as per payment terms,
- Arrange for storage of the equipment covered by this agreement other than at the Manufacturer's facility, unless by separate written agreement the Manufacturer shall agree to store the equipment and the charges for such storage.
- The Manufacturer warrants to the Purchaser that it will repair or replace at Manufacturer's option, any equipment, or parts of equipment, which, in the Manufacturer's judgment is defective in material or workmanship for a period of one (1) year after the date of shipment from the Manufacturer's facility.
- Equipment, accessories and other parts and components not manufactured by the Manufacturer are warranted only to the extent of and by the original manufacturer's warranty to the Manufacturer, and in no event shall such other manufacturer's warranty create any more extensive obligations of the Manufacturer to the Purchaser than the Manufacturer's warranty covering equipment manufactured by the Manufacturer.

**NOTE: Upon receipt of shipment, customer is responsible for inspection of items. Most carriers require immediate notification of damage.** This means inspection must be made at time of delivery and any damage must be noted on the carrier's paperwork. A signature without mention of damage is considered "clear" by the carrier and will not be covered under insurance.

Any missing or damaged goods must be reported in writing to the vendor within 30 days from date of receipt. Lack of notification within 30 days will be considered as complete and satisfactory delivery of goods.

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inExhaust<sup>™</sup>, hereafter referred to as Manufacturer, warrants to the Purchaser that it will repair or replace at the Manufacturer's option, any equipment, or parts of equipment, which, in the Manufacturer's judgment is defective in material or workmanship for a period of one (1) year after the date of shipment from the Manufacturer's facility.

Defects or failure due to improper or careless storage, handling, installation, non-manufacturing welding/hot-work, application, testing/cycling without correct amount of time to allow system to warm up stabilize, evaporate combustion moisture and improper moisture draining either from condensation, emission or environmental introduction of moisture inside exhaust components exclude Manufacturer from upholding warranty.

Other exclusions include undisclosed/unspecified/alternate application, or corrosion accelerated due to smog, salinity, or other corrosive environments or combustion emissions (i.e. alternative fuel sources), poor or inadequate maintenance, or acts of God.

Damage from backfires, or from other malfunctioning engine conditions is not covered. Damage from excessive exhaust temperature beyond information provided at time of quote is not covered. For exhaust temperatures near 1000F or higher purchaser must disclose intention to externally insulate exhaust products especially with carbon steel as material of construction. Damage from other chemical or flammable substances encountering exhaust products is not covered.

Equipment, accessories and other parts and components sold by but not manufactured by the Manufacturer are warranted only to the extent of and by the original manufacturer's warranty to the Manufacturer, and in no event shall such other manufacturer's warranty create any more extensive obligations of the Manufacturer to the Purchaser other than the Manufacturer's warranty covering equipment manufactured by the Manufacturer. Manufacturer does not warrant any labor for removal, re-installation or maintenance of components.

## SHIPPING

Manufacturer will endeavor to make shipment of orders as scheduled. However, all shipment dates are approximate only, and the Manufacturer reserves the right to adjust shipment schedules at its sole discretion.

No liability is accepted for return transportation charges, following the repair or replacement, or for re-installation cost. No other expressed or implied warranties exist in the absence of special written agreement between the consumer and Manufacturer.

Under no circumstances will the Manufacturer 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.

THE MANUFACTURER 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 MANUFACTURER'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.

## CONTINUED

### GOVERNING LAW

This agreement is made and entered 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 law's provisions. Regarding 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 Manufacturer.

### RETURN POLICY

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

All defective products must be returned to receive a no-cost replacement. If defective components are not returned, Purchaser must pay for replacement. This can only be subjugated by written approval from Manufacturer.

**NOTE: Upon receipt of shipment, customer is responsible for inspection of items. Most carriers require immediate notification of damage.** This means inspection must be made at time of delivery and any damage must be noted on the carrier's paperwork. A signature without mention of damage is considered "clear" by the carrier and will not be covered under insurance.

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See Terms & Conditions for details.

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