



INNOVATIVE  
**HEAT & SOUND  
 CONTROL**  
 SOLUTIONS



**PROTECTIVE EYEWEAR, GLOVES AND MASK ARE  
 RECOMMENDED DURING INSTALLATION** (AVOID INHALATION  
 OF LOOSE FIBERS)



**STEP 1:** Measure primary pipes (header) from the exhaust to the collector to the header flange. Use the chart below to determine the length needed to cut for each section of pipe.

**HINT:** Wrapping a pipe takes time and concentration. The tighter the wrapping, the better the hold and less chance of a loose or irregular fit. For additional assistance consider anchoring one end of the wrap as it will aid in a much tighter wrap for increased heat isolation.

**STEP 2:** Begin wrapping starting at the collector. Wrap tightly and secure with a DEI Stainless Steel Locking Tie or clamp. Testing has shown using a 1/4" overlap produces the best results without adversely affecting the metal.

**STEP 3:** When primary tubes are close together, wrap the pipes to the point of closeness or contact and secure at the end. On the final pipe, begin wrapping when primary tubes meet. Wrap all the unwrapped pipes simultaneously using the same 1/4" overlap.

**STEP 4:** Proceed to wrap up to the exhaust flange and secure with DEI Locking Ties

**NOTE:** Wrap will smoke for the first 3 to 4 heat cycles.

**GUIDE : INCHES USED PER LINEAR FOOT OF PIPE**

<b>TUBE DIA.</b>	<b>1" WRAP</b>	<b>2" WRAP</b>
<b>1-3/8"</b>	<b>70" per foot</b>	<b>30" per foot</b>
<b>1-1/2"</b>	<b>76" per foot</b>	<b>33" per foot</b>
<b>1-5/8"</b>	<b>82" per foot</b>	<b>35" per foot</b>
<b>1-3/4"</b>	<b>88" per foot</b>	<b>38" per foot</b>
<b>1-7/8"</b>	<b>95" per foot</b>	<b>41" per foot</b>
<b>2"</b>	<b>101" per foot</b>	<b>44" per foot</b>
<b>2-1/8"</b>	<b>108" per foot</b>	<b>46" per foot</b>
<b>2-1/4"</b>	<b>113" per foot</b>	<b>49" per foot</b>
<b>2-1/2"</b>	<b>125" per foot</b>	<b>52" per foot</b>
<b>3"</b>	<b>136" per foot</b>	<b>60" per foot</b>

**INCLUDE AN ADDITIONAL 10" OF WRAP PER BEND ON 2" WIDTH WRAP OR 15" WHEN USING 1" WIDTH WRAP (BENDS INCREASE SURFACE AREA)**

**Scan this code  
 to watch a  
 detailed  
 installation  
 video**



**Design Engineering, Inc. thanks you for your purchase!**

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You should expect to receive your refund within four weeks of giving your package to the return shipper, however, in many cases you will receive a refund more quickly. This time period includes the transit time for us to receive your return from the shipper (5 to 10 business days), the time it takes us to process your return once we receive it (3 to 5 business days), and the time it takes your bank to process our refund request (5 to 10 business days).

If you need to return an item that was purchased directly through the DEI website, please [Contact Us](#) with your DEI website order number and details about the product you would like to return. We will respond quickly with instructions for how to return items from your DEI website order.