

Design Engineering, Inc.

604 Moore Road
Avon Lake, OH 44012



THERMAL TUNING PRODUCTS

Installation Instructions

DEI Titanium Exhaust Wrap



NOTE

It is recommended that DEI Stainless Steel Locking Ties be used during install to secure the ends of wrap for the most effective results

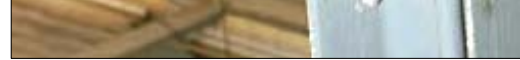
DIRECTIONS

- 1 - Prior to wrapping, consult the material chart (page 2) to make sure you have enough wrap before you begin.
- 2 - Wrapping a pipe takes time and concentration. The tighter the wrap the better the hold and less chance of a loose or irregular fit. Consider anchoring one end of the wrap as it will aid in a much tighter wrap which results in better heat isolation.
- 3 - Start wrapping the primary tube tightly at the exhaust port and secure it with a DEI Stainless Steel Locking Tie, hose clamp or safety wire. Remember, when wrapping use the sewn-in guidelines as testing has shown that utilizing a 1/4" overlap produces the best results without adversely affecting headers and tubing.
- 4 - Where primary tubes become closer together, wrap both pipes as one while using the same 1/4" overlap.
- 5 - Proceed to wrap the collector securing the ends with DEI Stainless Steel Locking Ties.
- 6 - During the initial break-in period, your wrap may begin to smoke for a short period of time - this is **NORMAL**. Smoking may occur several days after installation and should eventually stop.
- 7 - When cleaning surface dirt and debris from wrapped pipes or headers **DO NOT** use a high pressure hose as it may loosen the wrap's fibers. Use a damp shop cloth to remove any dirt and debris from the titanium wrap.



Design Engineering, Inc.

604 Moore Road
Avon Lake, OH 44012



DEI Exhaust Wrap Roll		
Guide: Inches used per linear foot of pipe		
Tube Dia.	1" Wrap	2" Wrap
1-3/8"	70" per foot	30" per foot
1-1/2"	76" per foot	33" per foot
1-5/8"	82" per foot	35" per foot
1-3/4"	88" per foot	38" per foot
1-7/8"	95" per foot	41" per foot
2"	101" per foot	44" per foot
2-1/8"	108" per foot	46" per foot
2-1/4"	113" per foot	49" per foot
2-1/2"	125" per foot	52" per foot
3"	136" per foot	60" per foot

Include an additional 8" of wrap per bend on 2" width wrap or 13" when using 1" width wrap (bends increase surface area).