




PRODUCT INSTRUCTIONS

Thank you for purchasing genuine Design Engineering, Inc. products. Be sure to always wear the proper safety equipment when installing any DEI product. Design Engineering Inc. WILL NOT BE HELD LIABLE FOR IMPROPER INSTALLATION OR USE OF THIS PRODUCT. Please follow all instructions provided. If you are unsure of any installation procedure, please contact a certified Powersports technician.

DESCRIPTION: Exhaust Wrap
PART NUMBER: 901XXX
APPLICATION(s):
KIT CONTENTS: Exhaust Wrap

TOOLS NEEDED: Scissors, dusk mask, gloves, eye protection, and pliers. DEI Locking Tie Tool 010220 (optional)



**WARNING: AVOID SKIN CONTACT WITH FIBERGLASS
MAY CAUSE TEMPORARY IRRITATION - PROTECTIVE
EYE WEAR AND GLOVES RECOMMENDED
- AVOID INHALATION (OF LOOSE FIBERS)**

Overview: Wrapping an exhaust system is a great way to help reduce radiant heat, add a custom look, and add some performance through increased exhaust gas velocity. It's not difficult to install, however to get the best results it takes time and concentration. The tighter and more even the wrapping, the better the performance and durability.

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

1. It is recommended to remove the exhaust system in order to wrap it. Inspect the exhaust system for cracks or any deficiencies prior to wrapping.
2. Prep the exhaust by removing any surface rust, dirt, or foreign contaminates. If desired, a coat of DEI HT Silicone Paint can be applied prior to wrapping. This adds an extra layer of moisture protection.
3. Measure the total length of header(s) that you want to cover with exhaust wrap. Use the sizing guide to help determine the approximate amount wrap to be used. **Be sure to add extra wrap for each radius.**
Top Tip: Do not soak wrap in water prior to install. Simply wet the roll by running under faucet. (This makes the material more pliable for a tight and secure installation.) Titanium wrap does not need to be wet at all for installation.
4. Begin wrapping starting at the rear, NOT AT THE CYLINDER HEAD. Fold the end in and



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cover it as you overlap the first revolution. Secure with locking ties.

Top Tip: Consider securing the starting point with a few plastic zip ties. This will hold the wrap temporarily and frees both hands to further wrap the pipe.

5. Continue to wrap tightly using a ¼" overlap. When reaching the exhaust flange, fold the end inward forming a triangle to prevent fraying. Secure with a DEI Stainless Steel Locking Tie or clamp.

Top Tip: For easier tie installation consider using the **DEI locking tool** (010220).



6. If desired, apply DEI High Temp Silicone Paint. Be sure to let pipes dry completely (if applied wet) prior to painting. Available in **Black** (010301), **Aluminum** (010302), and **White** (010303). When applying on Titanium wrap, extra coats may be required for even coverage.

Top Tip: HT Silicone Coating Spray enhances an exhaust wrap's integrity and isolation properties while increasing resistance to oil, dirt, water & debris.

7. It is common for the wrap to smoke for a few minutes when heat is applied for the first time. This is normal.

For additional tips and installation videos please visit: www.deipowersports.com

