

PermaWrap™

Bend Repair System



Each PermaWrap sleeve is cut, mitered to fit, and numbered at WrapMaster's facility. Prior to application, the individual PermaWrap sleeves are dry fitted and taped into position and checked for proper fit.



The Anchor Pad, PermaPutty Filler and PermaGrip Adhesive are then applied per Installation Procedure.



The protective backing is removed from the Anchor Pad. The sleeve is then attached to the Anchor Pad and applied to the pipe per standard installation procedure.



Using the narrow Velcro strips supplied in the kit, the torque bar strap is attached to the sleeve and tightened per installation procedure. Be careful not to over torque and pull the sleeve from the Anchor Pad.



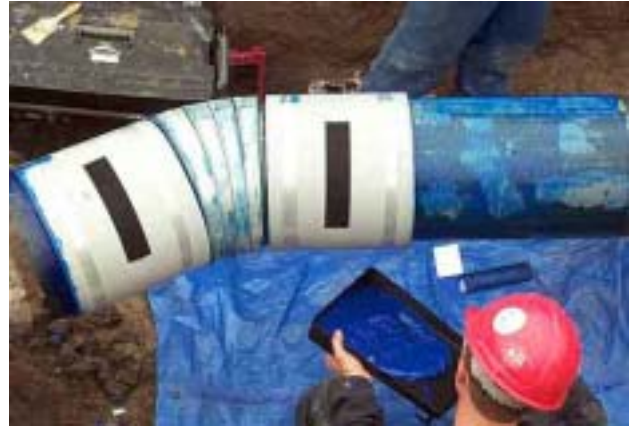
The excess PermaGrip adhesive and PermaPutty are removed from both edges of the installed sleeve. Using the same procedure, the remaining numbered sleeves are then applied.



Upon completion of the last numbered PermaWrap sleeve, remove all the excess PermaPutty filler and PermaGrip adhesive.



Using a clean rag, wipe the excess adhesive from the bend repair sleeves. A rag with a small amount of solvent may be used to assist cleanup. If repairing corrosion near the girth weld, apply a PermaWrap sleeve butted to the other side of the girth weld, using the traditional girth weld repair procedure.



In the photo above, a sleeve is applied to both ends of the bend repair area, butted next to the girth weld. The void in the girth weld area will be filled using WrapMaster's PermaPutty high compressive filler material. Two PermaWrap sleeve will be applied over the girth weld areas to be reinforced.



In the photo above, several PermaWrap sleeves were butted end-to-end to reinforce an area of general corrosion.



The photo above shows the completed bend repair area. As mentioned above, notice the P12-6 (12x6) PermaWrap sleeves installed over the girth weld for reinforcement.

- **“Smart Pig” Detectable** • **No Shutdown** • **No Hot Work**
- **No Heavy Equipment** • **Available in Sizes 4" to 56"**
- **Permanent Repair**



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