

INSTALLATION INSTRUCTIONS

HYMAX VERSA® ENCAPSULATION

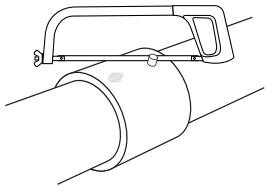
WIDE RANGE WRAP-AROUND REPAIR COUPLING (1.5" - 3")*



DO NOT DISASSEMBLE THE COUPLING. DO NOT LUBRICATE THE BOLTS. DO NOT TEAR THE GASKET - SEE INSTRUCTIONS.

GENERAL INSTRUCTIONS:

NOTE: If there are any elements sticking out from the existing coupler, you need to saw them to level the surface before installation.



* This document is divided in 2 parts:

For a joint covering PVC and Steel pipe - sizes 1.5" - 3"

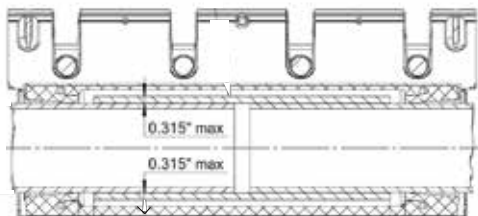
For a joint covering IPS HDPE pipe - size 2"

Stage 1-4: common stages for both types

Stages 5-9: PVC and Steel

Stages 10-17: IPS HDPE

INSTALLATION INSTRUCTIONS FOR PVC & STEEL 1.5"-3"

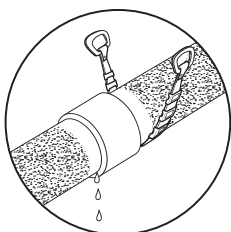


THE PRODUCT MAY BE USED AS A NON RESTRAINING WIDE RANGE WRAP AROUND REPAIR COUPLING, TO REPAIR A LEAKING JOINT WITH MAXIMUM DIFFERENCE IN OUTER DIAMETER OF 0.63" BETWEEN THE PIPE AND THE JOINT (SEE DRAWING).

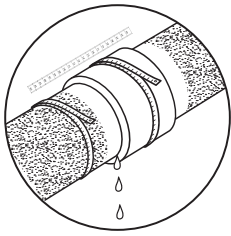
MAKE SURE THE JOINT FITS THE PRODUCT'S LENGTH. - SEE LABEL.

STEP 1

Prepare installation area by descaling if required. Clean the pipe as required using water. Make sure that the pipes are clear from debris and defects that may interfere with the product's proper seal.



STEP 2



Measure the pipe's outer diameter and make sure the product's size will fit the pipe properly. Measure the leaking joint's length and diameter. Make sure that the product's length is sufficient so that both gasket ends are on the pipe itself.

	Product Length	Max. Joint Length
2-BOLT PRODUCT	5.5"	2.5"
4-BOLT PRODUCT	11"	8"

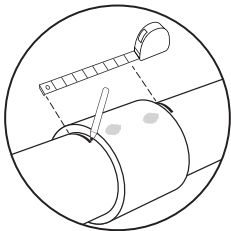
NOTE: Each product's size range is shown on the product's label.



STEP 3

Unpack and carefully remove the product from its packaging. **DO NOT** use any kind of hammer to move it into position! Proper sizing will allow the product to go on easily.

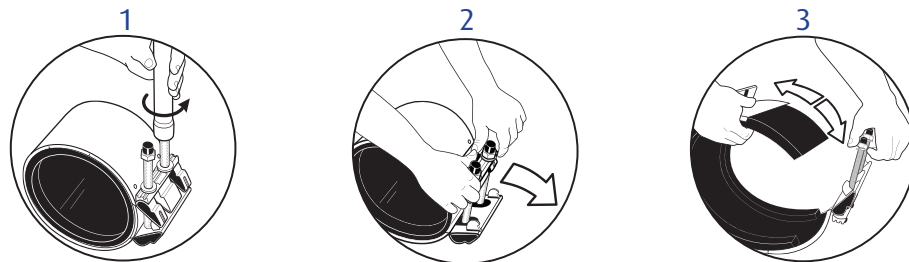
STEP 4



Mark the pipe symmetrically on both sides of the joint according to the length of the product.

STEP 5

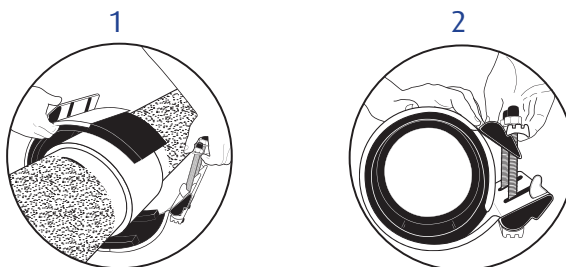
Open the product by loosening the nuts (1), so they are level with the tops of the bolts. **DO NOT REMOVE THE NUTS!** Partially compress the lug assembly. (2) Pull upwards on the lug compression beam and unlatch the lug assembly allowing the product to extend to a fully open position (3).



STEP 6

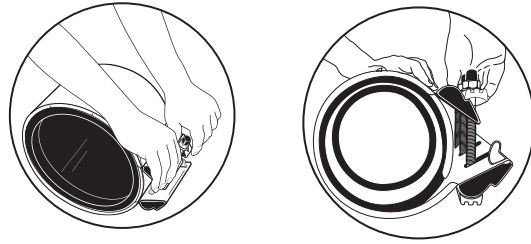
INSTALLATION OF ENCAPSULATION FOR PVC AND STEEL PIPE COUPLER

Position the ENCAPSULATION around the joint (1). Make sure that the gasket ends are on the surface of the pipe on both sides of the joint and not on the joint itself. At the same time, pull on the compression beam with one hand and with the other hand push on the gasket.



Once the ENCAPSULATION is around the pipe, engage the compression beam until it “clicks” into the 1st closing position (see below). The product can now be positioned over the leaking joint so that the 2 gasket ends are positioned on the outside of the joint on both sides according to the marks indicated in step #4.

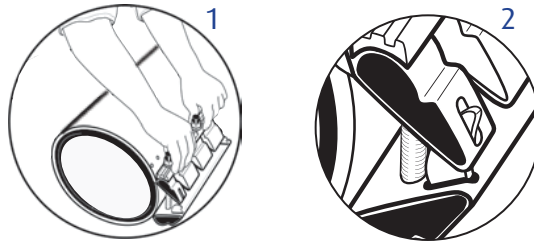
1st Closing Position



STEP 7

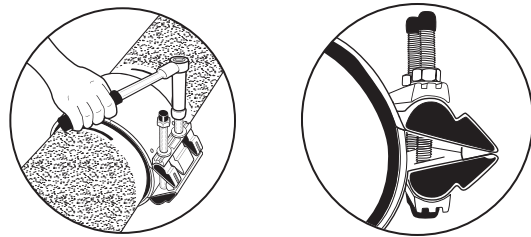
After you have wrapped the product around the joint, engage the compression beam until it “clicks” into the second closing position. Tighten the compression nuts, making sure the lock teeth are aligned with their guiding slots (see drawing 2).

2nd and final Closing Position




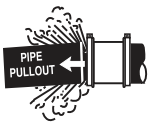
STEP 8



Tighten all of the nuts evenly, working from the center of the lug assembly towards the end of the product. Verify again that all nuts are closed to the torque specified on the label. Use of a torque wrench is required.



STEP 9

Recharge the line and check for leaks. If any leakage across the seal end is evident, reduce the pressure in the line and increase the labeled torque of the bolts up to 50%.

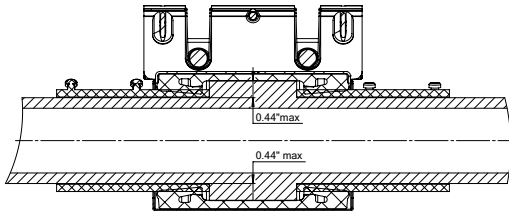
	WARNING	This product does not restrain axial pipe movement. Proper anchorage of the pipe is required if this product is used as a coupling. Failure to anchor the pipe ends could result in the escape of line content, and may cause property damage, serious injury or death.
		

	WARNING	Caution: This product is not intended for use on natural gas piping, or any other type of gas piping. To do so could result in escaping gas that could ignite and cause property damage, serious injury or death.
		

HYMAX VERSA[®] ENCAPSULATION



WIDE RANGE WRAP-AROUND REPAIR COUPLING (2") WITH GASKET KIT
For IPS HDPE pipe only



THE PRODUCT MAY BE USED AS A NON RESTRAINING WRAP-AROUND REPAIR COUPLING TO REPAIR A LEAKING JOINT WITH MAXIMUM DIFFERENCE IN OUTER DIAMETER OF 0.88" BETWEEN THE PIPE AND THE JOINT.

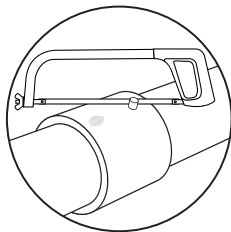
MAKE SURE THE JOINT FITS THE PRODUCT LENGTH. - SEE LABEL.
THE PRODUCT IS SUPPLIED WITH A BAG CONTAINING TWO FLAT GASKETS WITH LOCKING PINS.

STEP 10

Prepare the installation as in steps 1-4

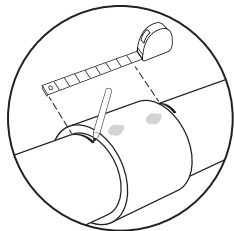
STEP 11

Cut all protruding parts off the joint.



STEP 12

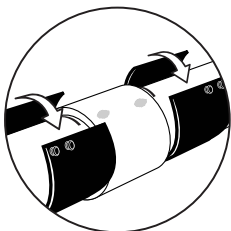
Mark the max. gap between the two flat gaskets on the pipe according to the product length using the following table - make sure that the measurement is symmetric on both sides of the joint:



	Product Length	Max. Joint Length
2-BOLT PRODUCT	5.5"	2.7"
4-BOLT PRODUCT	11"	8.13"

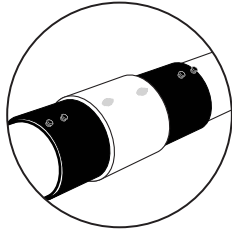
STEP 13

Make sure the locking pins are on the outer side of the flat gaskets.
Wrap the two flat gaskets around the pipe according to the marks made on the pipe in step 12.



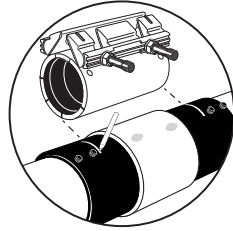
STEP 14

Close the wrapped flat gaskets tightly using the 2 locking pins.



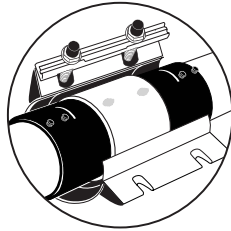
STEP 16

Mark the boundaries of the product symmetrically on the Flat Gaskets.



STEP 17

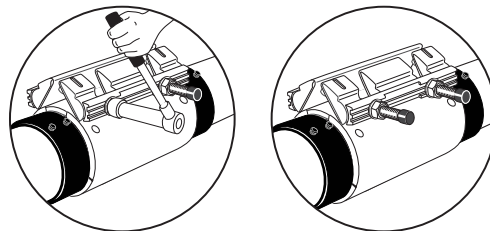
Open the product and wrap it around the coupler and on top of the prepared flat gaskets.



STEP 18

Make sure that the edges of the HYMAX Versa Encapsulation fit perfectly the marks you made on the two flat gaskets.

Go to STEP 6 and continue installation up to completion in STEP 9.



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 **KRAUSZ** is the creator of HYMAX

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