

HYMAX®

Repair the past. Connect the future.

Application Selection Guide

HYMAX®

HYMAX® VERSA

HYMAX GRIP®

HYMAX® CLAMP



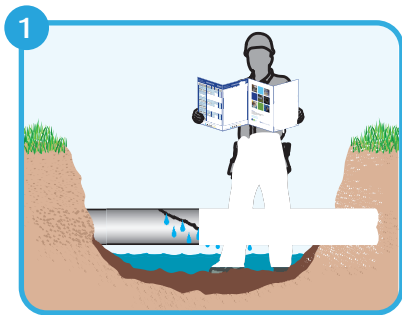
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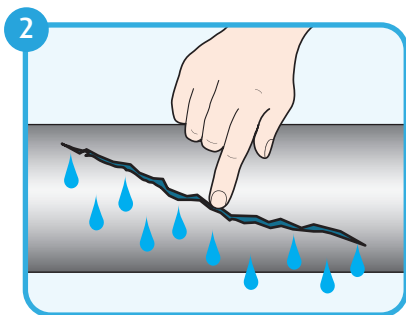


KRAUSZ is the creator of HYMAX

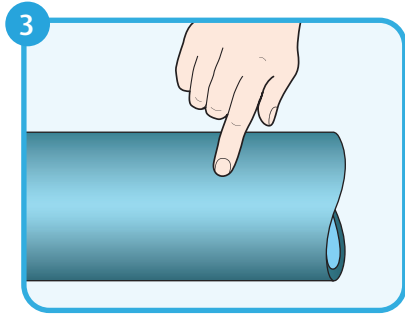
Using HYMAX Application Selection Guide



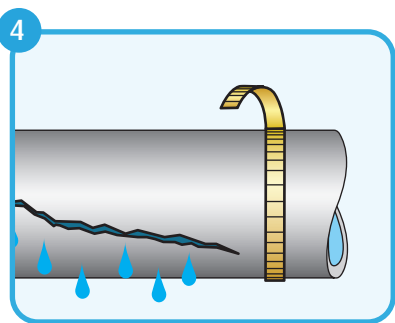
Open Application
Selection Guide



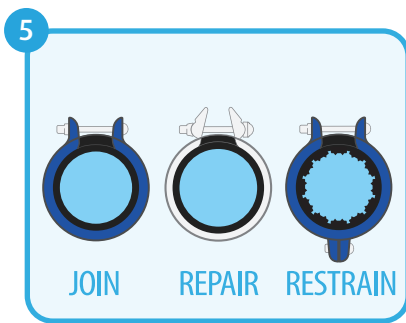
Determine
damage type



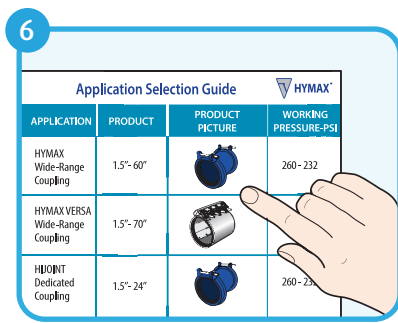
Identify pipe
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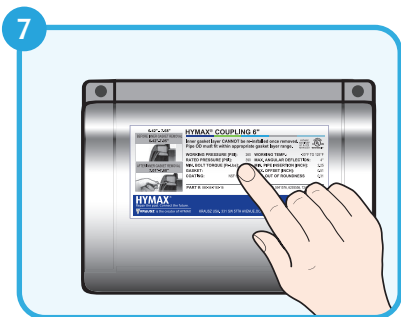
Measure
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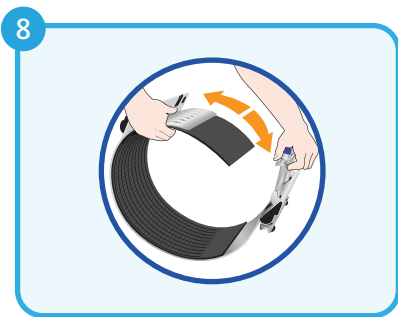
Identify
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Choose
product

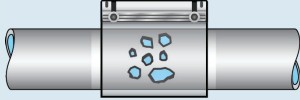
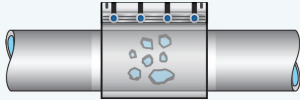
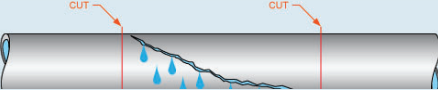
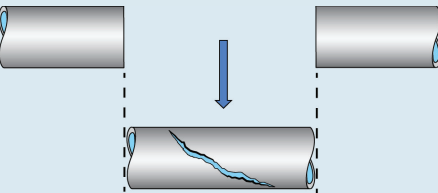
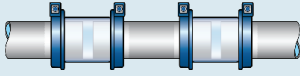
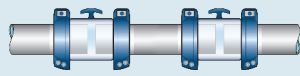
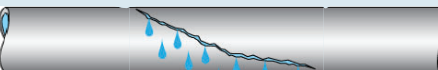
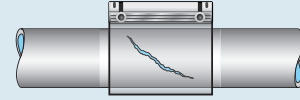
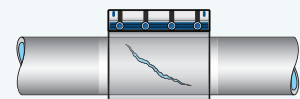
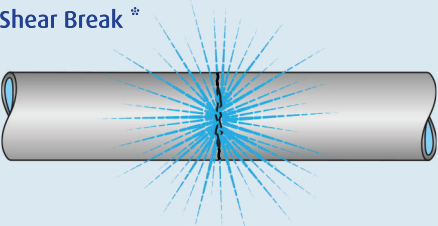
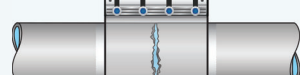


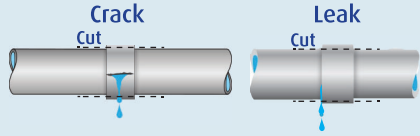
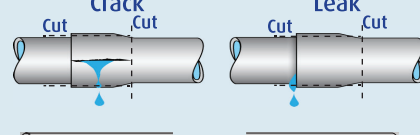
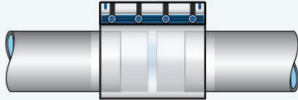
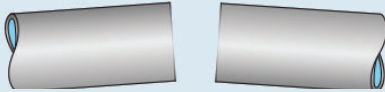
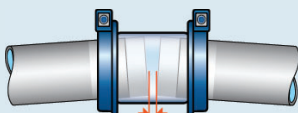
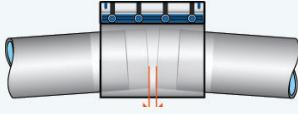
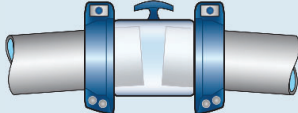
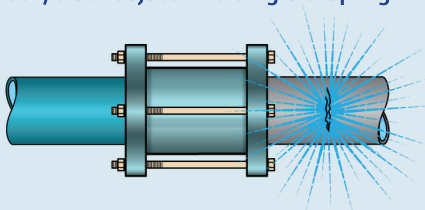
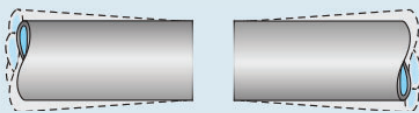
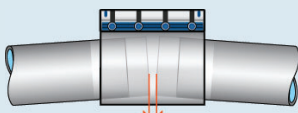
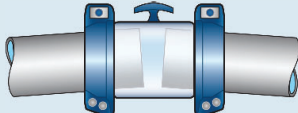
Check label data

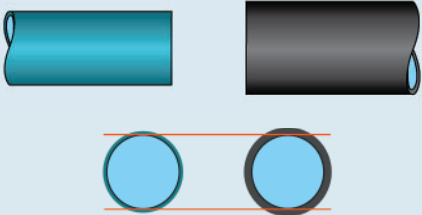
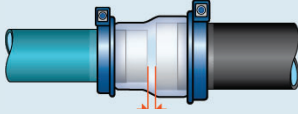
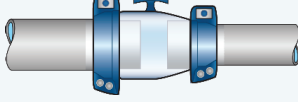
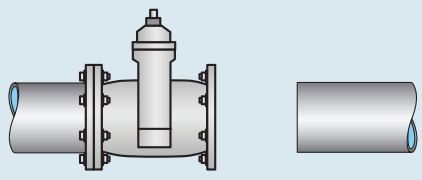
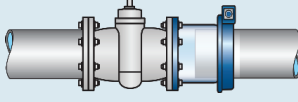
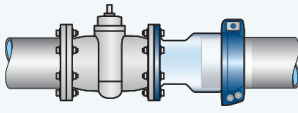
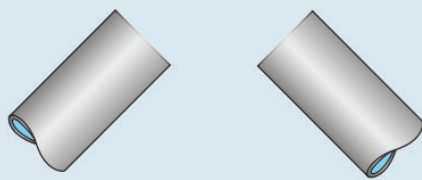
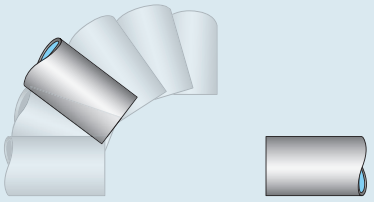
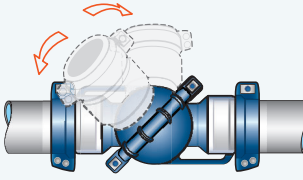


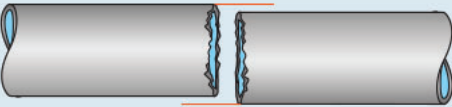
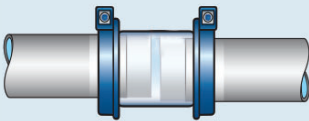
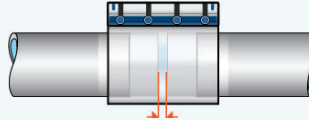
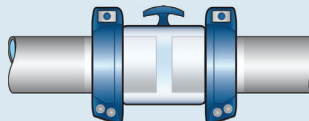
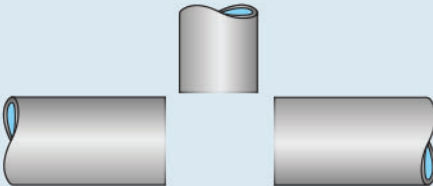
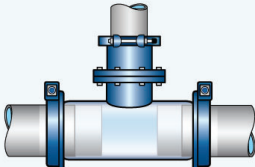
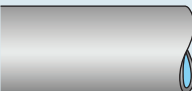
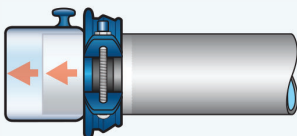
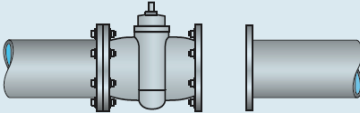
Begin installation

NOTE: For working pressure, overall range, dynamic defecting data, go to page #7
For other technical data - refer to the product label.

FIELD SITUATION	SOLUTION/APPLICATION	PIPE SIZE	PRODUCT
Hole/holes Pipe  For Net Sealing Area of product, refer to table on back page		1.5"-24"	HYMAX® CLAMP Wide-range Clamp 
		1.5"-70"	HYMAX® VERSA Wide-range Coupling 
Longitudinal Crack Long Crack Repair by Pipe Section Replacement - Connect or Restrain   Cut out section		1.5"-60"	HYMAX 2 Wide-range Coupling 
		1.5"-70"	HYMAX® VERSA Wide-range Coupling 
		1.5"-12"	HYMAX GRIP® Wide-range Coupling restraint 
Longitudinal Crack Short Crack Repair (Crack width is limited by product length) 		1.5"-24"	HYMAX® CLAMP Wide-range Clamp 
		1.5"-70"	HYMAX® VERSA Wide-range Coupling 
Shear Break *  * If the pipes have an offset Hymax Versa is the recommended solution		1.5"-24"	HYMAX® CLAMP Wide-range Clamp 
		1.5"-70"	HYMAX® VERSA Wide-range Coupling 

FIELD SITUATION	SOLUTION/APPLICATION	PIPE SIZE	PRODUCT
Repair SLEEVE JOINT-  Repair BELL JOINT -  * Can also be repaired by section replacement similar to the longitudinal crack - see p. 3		1.5"-70"	HYMAX® VERSA Wide-range Coupling 
Connecting or restraining 2 Pipes with angular deflection During installation 	Deflection up to 4° per side  Deflection up to 3° per side  Deflection up to 4° per side 		HYMAX 2 Wide-range Coupling  HYMAX® VERSA Wide-range Coupling  HYMAX GRIP® Wide-range Coupling restraint 
Break/Crack adjacent to a rigid coupling  Caused by: Ground movement after installation  PREVENTION Installation recommended with a product enabling Dynamic Deflection (absorbing ground movement after installation)	Dynamic Deflection up to 4° per side  Dynamic Deflection up to 3° per side  Dynamic Deflection up to 4° per side 	1.5"-60" 1.5"-70" 1.5"-12"	HYMAX 2 Wide-range Coupling  HYMAX® VERSA Wide-range Coupling  HYMAX GRIP® Wide-range Coupling restraint 

FIELD SITUATION	SOLUTION/APPLICATION	PIPE SIZE	PRODUCT
Connecting or restraining 2 Pipes of different ND and different materials 		1.5"-60"	HYMAX® REDUCER Wide-range Coupling 
		1.5"-12"	HYMAX GRIP® REDUCER Wide-range Coupling restraint 
Connecting/restraining a pipe to a flanged device 		1.5"-60"	HYMAX 2 Flange Adaptor 
		3"-12"	HYMAX GRIP® Flange Adaptor Restraint 
Restraining 2 pipes at an angle of 45° or 90° 	 No thrust blocks needed	4"-12"	HYMAX GRIP® ELBOW Wide-range Coupling 
Restraining 2 pipes at ANY angle - from 0° to 90° 		4"-12"	HYMAX GRIP® Swiveljoint 

FIELD SITUATION	SOLUTION/APPLICATION	PIPE SIZE	PRODUCT
Connecting or restraining misaligned pipe 1.5"-60". NOTE: Maximum offset - according to product label. 		1.5"-60"	HYMAX 2 Wide-range Coupling 
		1.5"-70"	HYMAX[®] VERSA Wide-range Coupling 
		1.5"-12"	HYMAX GRIP[®] Wide-range Coupling restraint 
Connecting 2 pipes to a threaded or flanged device 		1.5"-60"	HYMAX[®] Flanged outlet  Or HYMAX[®] Threaded Outlet 
Capping and restraining on pipe end 		1.5"-12"	HYMAX GRIP[®] End Cap 
USE 1: Maintenance. Temporary dismantling of valve for repair  USE 2: Replacing old valve to smaller size 	Closed position  Open Position 	4"-12"	HYMAX[®] DISMANTLING JOINT 

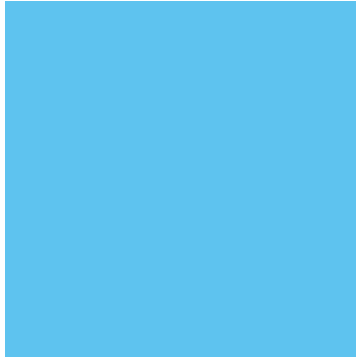
PRODUCT	WORKING PRESSURE* - PSI	OVERALL RANGE	DYNAMIC DEFLECTION per side
HYMAX® Wide-range coupling	1.5"-16" 260 18"-24" 232 26"-60" - Call Krausz dealer	Up to 2.1" See product label	Up to 4°
HYMAX® Wide-range Flange Adaptor	1.5"-24" - 175 26"-60" - Call Krausz dealer	Up to 2.1" See product label	Up to 4°
HYMAX® Wide-range Reducer	1.5"-16" 260 18"-24" 232 26"-60" - Call Krausz dealer	Up to 2.1" See product label	1.5"-48" Up to 4° >48" Up to 3°
HYMAX® Wide-range Outlets	1.5"-12" 260 14" and up - Call Krausz dealer	Up to 2.1" See product label	Up to 4°
HYMAX® Elbow 45°, 90°	260	Up to 1.3" See product label	Up to 4°
HYMAX® Versa Family Wide-range coupling	REG PRESSURE 1.5"-5" 232 6"-20" 175 24" 160 26"-70" Call Krausz dealer HIGH PRESSURE 348 232 232	Up to 1.4" See product label	Up to 3°
HYMAX® Grip Family Wide-range Coupling Restraint	232	Up to 1.1" See product label	Up to 4°
HYMAX® CLAMP Wide-range Clamp	150	Up to 0.8" See product label	
HYMAX® Dismantling Joint	175		Up to 4°

The products fit the following pipe materials - Grip products do not fit AC pipes. For HDPE pipes use stiffeners



* Rated pressure: 1.5 times working pressure for all products

NOTE: Leave space between the pipes inside HYMAX, HYMAX VERSA, HYMAX GRIP products to allow for dynamic deflection.



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JOIN



REPAIR



RESTRAIN

KRAUSZ is the creator of HYMAX