



**WHY HOLDRITE'S ENGINEERED**

**#117 SERIES NO-HUB FITTING RESTRAINTS**

**ARE A BETTER SOLUTION**



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<http://holdrite.com/products/no-hub-fitting-restraints/>



The last three decades have seen HOLDRITE® evolve from a single-product family business to an international corporation and acknowledged industry leader. Hundreds of millions of HOLDRITE® products have been installed into a wide variety of projects from single- and multi-family housing to hotel, government, military, healthcare, institutional and other market sectors.

# HOLDRITE®

CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS™

[www.holdrite.com](http://www.holdrite.com) | 1-800-321-0316

[sales@holdrite.com](mailto:sales@holdrite.com)   



The good news is, that HOLDRITE has developed a **convenient, lab-tested and third-party engineer-certified solution** that has made makeshift field-devised restraints completely unnecessary. Compared to field-devised restraints, HOLDRITE's series of no-hub fitting restraint solutions are:



1

# FAST AND SIMPLE TO INSTALL

The restraints are delivered in boxes ready to install, reducing installation time to just a few minutes.



**No-hub Fitting Restraint 10" Blind Plug**

<http://holdrite.com/product/117-10bp/>



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# 2

## LESS EXPENSIVE

An engineered solution generally costs less in time and/or materials, saving the contractor from 30 to 50 percent in "total installed costs."




No-hub Fitting Restraint 3" Combo-Mid Stream

<http://holdrite.com/product/117-3cm/>



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# 3

## RELIABLE

If installed per manufacturer's instructions, the HOLDRITE #117 Series restraint systems are rated for up to 50 feet of head pressure – far more than the 10 feet of head pressure required by the Code, while satisfying the guidelines of pipe and fitting manufacturers.

No-hub Fitting Restraint 10" Short Sweep ¼ Bend

<http://holdrite.com/product/117-10k/>



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HOLDRITE's engineered restraints are also easy to plan for and to specify. Simply analyze your takeoff for drain, waste and vent fittings on hubless cast iron pipe systems, and identify the number of fittings that require restraint.

Tally up the different types of fittings involved (i.e. wye branches,  $\frac{1}{4}$  bends,  $\frac{1}{8}$  bends, etc.) and pick the appropriate restraints from the menu of available systems. (Nearly 200 sizes, configurations and materials are available.)



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# VIP ESTIMATING SERVICE

HOLDRITE provides a no-charge VIP estimating service that will provide you with a material take-off and a comprehensive cost saving analysis, based on the cost of time and materials, from using HOLDRITE products on your key projects.

Visit [www.holdrite.com/vip](http://www.holdrite.com/vip) to get started and upload your plans.





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## **FOR MORE INFORMATION VISIT:**

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