

City of Henderson  
Fire Safety Engineering  
Informational Bulletin

Issue 106

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## "New" 1¼" I.D. Flexible Piping Products In Tenant Improvements and Remodels May Not Require Calcs

1¼ Flexible piping products that are listed with an equivalent pipe length less than or equal to the maximum number of 1" fittings per allowable bend may not require calculations.



For example, if the flexible piping product allows a maximum of four 90° bends, then the equivalent length must be less than or equal to four 1" 90° elbows, which is 8 ft. (4 x 2 feet per NFPA 13 Table 22.4.3.1.1)

Manufacturer's data sheets for the flexible products shall be provided showing the listed equivalent length of schedule 40, 1" steel pipe.



THIS IS AN UPDATE TO BULLETIN 047  
WHICH WAS ISSUED ON FEBRUARY 22, 2007  
REQUIRING HYDRAULIC CALCULATIONS TO BE SUBMITTED WHEN  
ANY FLEXIBLE PIPING PRODUCTS ARE TO BE USED  
IN TENANT IMPROVEMENTS AND REMODELS.



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