



### Metal Hose Assembly Length Tolerances

Tolerances for the overall length of hose assemblies must be observed according to the following table, unless otherwise stated.

Dimensions used are [ <sup>''</sup> = in], [ <sup>'</sup> = ft], and [% = Percentage of total length]												
Developed length of assembly	0" to ≤8"		>8" to ≤18"		>18" to ≤36"		>3' to ≤6'		>6' to ≤12'		>12'	
	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)
Hose ID												
3/16" thru 3/4"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	1/2"	1/2"	1"	1"	1%	1%
1" thru 4"	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	1-1/4"	1-1/4"	1.5%	1.5%
4" thru 12"	3%	1.5%	3%	1.5%	3%	1.5%	3%	1.5%	3%	1.5%	3%	1.5%

### Method of Measurement

Normal length measurements should be taken using a tape measure with the hose lying on a flat surface. If the centerline of the end connection is above the hose centerline, the hose should be supported accordingly. On most hose assemblies, the developed length is the end to end dimension at the centerline. End connections with a seating face should be measured from the seat face and not from the end of any loose fittings. Hose assemblies using elbows should be measured from the centerlines.