

# SPRINKLER INNOVATIONS, LLC

5 Perry Way, Unit 1  
Newburyport, MA 01950  
978 462-9874

## Friction Loss Information for Horizontal applications

Model	Assembly Length	Equivalent Lengths	
		8.0k	11.2k
SI-1.0	1.0ft(0.30m)	8.6ft(2.6m)	9.2ft(2.8m)
SI-1.5	1.5ft(0.46m)	9.4ft(2.8m)	10.1ft(3.1m)
SI-2.0	2.0ft(.061m)	10.2ft(3.1m)	11.1ft(3.4m)
SI-2.5	2.5ft(0.61m)	11.0ft(3.3m)	12.1ft(3.7m)
SI-3.0	3.0ft(0.91m)	11.8ft(3.6m)	13.1ft(3.9m)
SI-3.5	3.5ft(1.10m)	12.0ft(3.7m)	13.2ft(4.0m)
SI-4.0	4.0ft(1.20m)	12.2ft(3.7m)	13.4ft(4.1m)
SI-4.5	4.5ft(1.40m)	12.4ft(3.8m)	13.6ft(4.1m)
SI-5.0	5.0ft(1.50m)	12.7ft(3.8m)	13.8ft(4.2m)
SI-5.5	5.5ft(1.70m)	12.8ft(3.8m)	13.9ft(4.2m)
SI-6.0	6.0ft(1.80m)	12.9ft(3.9m)	14.1ft(4.3m)

## Approved Sprinklers

SIN	K Factor	Manufacturer
GL8164	8.0k	Globe Sprinkler
GL1167	11.2k	Globe Sprinkler
VK350	8.0k	Viking Sprinkler
VK530	11.2k	Viking Sprinkler

This information is for Vertical applications only. Sprinkler Innovations is approved for horizontal installations as well. If a horizontal application is required please contact us for hydraulic information, as the friction losses are different.

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