

EasyFlex Flexible Hose Sprinkler Assemblies



UL listed (Braided or Unbraided) and FM approved (Braided only).

This system includes:

- Flexible stainless steel hose of various lengths
- Nipples for attaching to rigid piping
- Reducers for connecting sprinklers
- Patented, light-weight mounting bracket systems

The EasyFlex system installs without tools and allows complete lateral alignment of sprinklers during installation. Mounting bracket assemblies are available in 25" and 50" lengths. Each length can include a set of short or long T-Bar brackets. TBL brackets (long) are 1"/25mm higher than TBS (short) ones for recessed applications.

The system accommodates ½" or ¾"/12.7 mm or 19.05 mm sprinklers with flexible length hoses ranging from 24" – 72"/60.9 cm – 182.8 cm. The stainless steel flexible hose is available in both braided and unbraided styles.

The system requires no welding for assembly.

MATERIAL SPECIFICATIONS

Flexible Hose Composition: Stainless Steel 304 (available braided and unbraided)

Lengths Available: 24", 36", 48", 60", 72"/60.9 cm, 91.4 cm, 121.92 cm, 152.4 cm, 182.8 cm

Pipe Openings Available: ½" or ¾"/12.7 mm or 19.05 mm

Seal Material: EPDM

Optional Components:

25" Bracket Assembly

50" Bracket Assembly*

Nylon isolation ring

EPDM gasket

Upright reducers for rigid pipe (4", 5", 6", 7", 8"/101 mm, 127 mm, 152 mm, 178 mm, 203 mm)

*50" bracket not UL Listed or FM approved

Minimum Bend Radius:

3"/76 mm (UL Listing)

8"/203 mm (FM Approval)

Do not bend within 2½"/63.5 mm from connection nut.

Maximum Number of Bends per drop: 3

JOB/OWNER

System No. _____

Location _____

CONTRACTOR

Submitted By _____

Date _____

ENGINEER

Spec Sect _____ Para _____

Approved _____

Date _____

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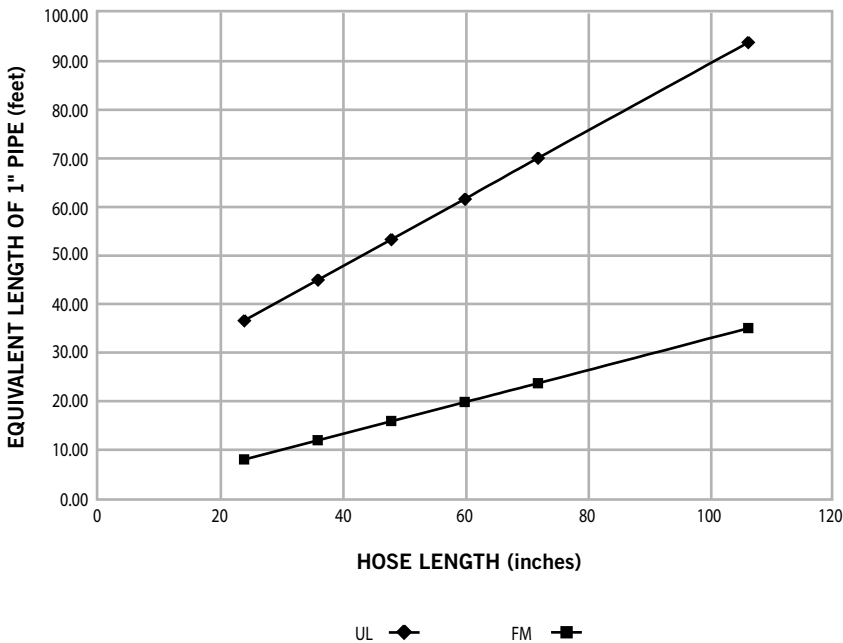


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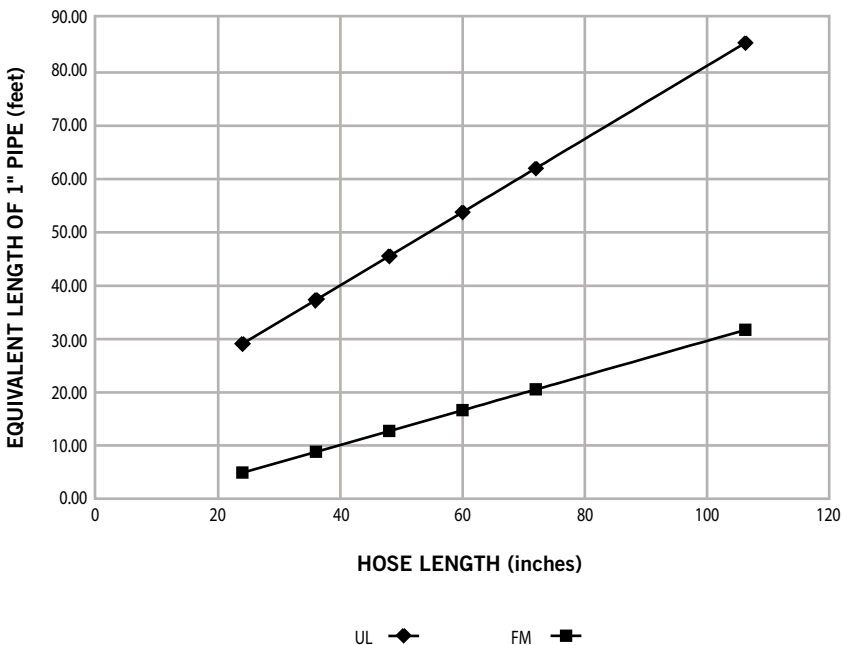
PERFORMANCE DATA

Friction Loss for 1/2"/12.7 mm Flexible Hose*



*Test Standard UL 1474 and FM Global Testing Class Number 1637

Friction Loss for 3/4"/14.47 mm Flexible Hose*



*Test Standard UL 1474 and FM Global Testing Class Number 1637

Note: Factory Mutual tests the flexible hose both straight and with the maximum number of allowable bends. The pressure loss is then based on the average of the two tests at each of several pressures, using C=100. The pressure is varied from 15 psi to 175 psi in 10 psi intervals. Underwriter's Laboratory bases their test on five difference water velocities from 10 – 18 ft/sec using C=120. UL does not average the straight and multiple bend results to calculate an overall friction loss.

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PRODUCT WEIGHT BY MODEL

Hoses	EasyFlex P/N	Weight
24" X ½" BRAIDED FLEX HOSE	EFB224	1.852
24" X ¾" BRAIDED FLEX HOSE	EFB324	1.826
36" X ½" BRAIDED FLEX HOSE	EFB236	2.119
36" X ¾" BRAIDED FLEX HOSE	EFB336	2.093
48" X ½" BRAIDED FLEX HOSE	EFB248	2.414
48" X ¾" BRAIDED FLEX HOSE	EFB348	2.388
60" X ½" BRAIDED FLEX HOSE	EFB260	2.714
60" X ¾" BRAIDED FLEX HOSE	EFB360	2.688
72" X ½" BRAIDED FLEX HOSE	EFB272	3.032
72" X ¾" BRAIDED FLEX HOSE	EFB372	3.005
24" X ½" UNBRAIDED FLEX HOSE	EFU224	1.482
24" X ¾" UNBRAIDED FLEX HOSE	EFU324	1.455
36" X ½" UNBRAIDED FLEX HOSE	EFU236	1.667
36" X ¾" UNBRAIDED FLEX HOSE	EFU336	1.641
48" X ½" UNBRAIDED FLEX HOSE	EFU248	1.861
48" X ¾" UNBRAIDED FLEX HOSE	EFU348	1.835
60" X ½" UNBRAIDED FLEX HOSE	EFU260	2.026
60" X ¾" UNBRAIDED FLEX HOSE	EFU360	2.000
72" X ½" UNBRAIDED FLEX HOSE	EFU272	2.165
72" X ¾" UNBRAIDED FLEX HOSE	EFU372	2.139

Brackets	EasyFlex P/N	Weight
Snap Clamp	SSB01	0.161
Wall Mount Bracket	SSBW01	0.148
Metal Stud End Bracket	MSB03	0.062
Wood Stud End Bracket	WSB01	0.049
Snap On T-Bar Recessed Bracket	TBS01	0.232
Snap On T-Bar Concealed Bracket	TBL02	0.287
25" Stock Bar	SQ25	0.518
50" Stock Bar	SQ50	1.036

Reducers	EasyFlex P/N	Weight
Reducer ½" X 4 ¼" (MXF)	RD12	0.653
Elbow/Reducer ½" Short	LRD12S	1.114
Elbow/Reducer ½" Long	LRD12L	1.482
Reducer ¾" X 4 ¼" (MXF)	RD34	0.626
Elbow/Reducer ¾" Short	LRD34S	1.067
Elbow/Reducer ¾" Long	LRD34L	1.506
Nipple 1" X 2 ¾" TXT (MXM)	NP01	0.318
Reducer 1" X 4 ¼" TXT (MXF)	RD1	0.650

Parts	EasyFlex P/N	Weight
Nylon Isolation Ring	PR01	0.013
Gasket	GR01	0.022
½" Reducer Plastic Lid	TP12	0.002
¾" Reducer Plastic Lid	TP34	0.002

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WARRANTY

Refer to the Warranty section of the current Price List or contact Victaulic for details.

NOTE

EasyFlex is a registered trademark of Kofulso Co., Ltd.



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For complete contact information, visit www.victaulic.com

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