

HOW DO WE STACK UP?

3-BEND BRAIDED HOSES: FRICTION LOSS DATA

(EL = EQUIVALENT LENGTH OF 1" SCH 40 PIPE) | BENDS = MAX. NUMBER OF 90° BENDS | RADIUS=MIN. BEND RADIUS



Best Flow Data in its Class
3-Bends, 4" Minimum Bend Radius
"EASY-SNAP" Center Bracket



Secure packaging protects product in transit

		ARGCO 3-BEND BRAIDED					
		UL DATA			FM DATA		
NPT	Length	EL	Bends	Radius	EL	Bends	Radius
1/2"	28"	25	2	4"	26.7	1	10"
	40"	33	3	4"	42.6	2	10"
	48"	39	3	4"	53.2	3	10"
	60"	50	3	4"	67.8	3	10"
	72"	58	3	4"	82.4	4	10"
3/4"	28"	21	2	4"	22.1	1	10"
	40"	36	3	4"	40.6	2	10"
	48"	43	3	4"	53	3	10"
	60"	52	3	4"	64.2	3	10"
	72"	63	3	4"	75.5	4	10"

		VICTAULIC AH-1 BRAIDED					
		UL DATA			FM DATA		
NPT	Length	EL	Bends	Radius	EL	Bends	Radius
1/2"	31"	52	3	3"	53.8	2	7"
	36"	63	4	3"	63.7	3	7"
	48"	78	4	3"	87.9	3	7"
	60"	88	4	3"	112.2	4	7"
	72"	112	5	3"	136.5	4	7"
3/4"	31"	55	3	3"	44.4	2	7"
	36"	66	4	3"	55.6	3	7"
	48"	80	4	3"	82.8	3	7"
	60"	90	4	3"	110.1	4	7"
	72"	118	5	3"	137.3	4	7"

		FLEXHEAD SUPERFLEX BRAIDED					
		UL DATA			FM DATA		
NPT	Length	EL	Bends	Radius	EL	Bends	Radius
1/2"	36"	30	5	2"	16.2	2	7"
	48"	47	8	2"	29.3	3	7"
	72"	71	12	2"	54.3	4	7"
3/4"	36"	29	5	2"	21.5	2	7"
	48"	44	8	2"	30.5	3	7"
	72"	70	12	2"	48.5	4	7"

		FLEXHEAD STANDARD TALL SERIES					
		UL DATA			FM DATA		
NPT	Length	EL	Bends	Radius	EL	Bends	Radius
1/2"	24"	11	3	3"	18.4	1	8"
	36"	16	3	3"	26.6	2	8"
	48"	24	4	3"	30.3	3	8"
	60"	29	4	3"	35.8	4	8"
	72"	35	4	3"	45.6	4	8"
3/4"	28"	12	3	3"	14.7	1	8"
	40"	18	3	3"	21.5	2	8"
	48"	23	4	3"	30.5	3	8"
	60"	29	4	3"	39.5	4	8"
	72"	32	4	3"	48.5	4	8"

		ALEUM FXB BRAIDED					
		UL DATA			FM DATA		
NPT	Length	EL	Bends	Radius	EL	Bends	Radius
1/2"	24"	12	1	7.5"	26.4	1	10"
	36"				34.1	1	10"
	48"	29	3	7.5"	46.8	2	10"
	60"	68	3	7.5"	61.4	3	10"
	72"	94	3	7.5"	76.1	4	10"
3/4"	24"	21	1	7.5"	19.4	1	10"
	36"				28.4	1	10"
	48"	36	3	7.5"	39.5	2	10"
	60"	73	3	7.5"	54.8	3	10"
	72"	99	3	7.5"	70.1	4	10"

FLEXIBLE SPRINKLER DROP HOSE 3-BEND BRAIDED CONNECTIONS



- Save Time & Money
- No cutting, no welding, no threading
- Perfect for retrofit applications
- Easy to move for layout changes
- Most flexible hose in its class.
3 bends 4" minimum radius

TECHNICAL DATA

- Rated Pressure: 203 PSI (14 Bars)
- Maximum Ambient Temperature: 225°F (107°C)
- Maximum Sprinkler K-factor for 1/2" outlet:
8.0 gal/mm/(psi)^{1/2}
- Maximum Sprinkler K-factor for 3/4" outlet:
14.0 gal/mm/(psi)^{1/2}
- Designed for use in wet and dry systems
- Flexibility Type: Unlimited
- Hose Diameter: O.D. 1-1/16" / Flow 13/16"



Friction Loss Data and Specifications

Model	Length	NPT	ITEM #	Equivalent Length of 1 ft Sch 40 Pipe					
				UL LISTED	Max. # of Bends	Min. Bending Radius	FM	APPROVED Max. # of Bends	Min. Bending Radius
AR-BR FLEX-07-050	28" (0.6 m)	1/2"	6530165A	25 ft	2	4"	26.7 ft	1	10"
AR-BR FLEX-10-050	40" (0.9 m)	1/2"	6530166A	33 ft	3	4"	42.6 ft	2	10"
AR-BR FLEX-12-050	48" (1.2 m)	1/2"	6530167A	39 ft	3	4"	53.2 ft	3	10"
AR-BR FLEX-15-050	60" (1.5 m)	1/2"	6530168A	50 ft	3	4"	67.8 ft	3	10"
AR-BR FLEX-18-050	72" (1.8 m)	1/2"	6530169A	58 ft	3	4"	82.4 ft	4	10"
AR-BR FLEX-07-075	28" (0.6 m)	3/4"	6530175A	21 ft	2	4"	22.1 ft	1	10"
AR-BR FLEX-10-075	40" (0.9 m)	3/4"	6530176A	36 ft	3	4"	40.6 ft	2	10"
AR-BR FLEX-12-075	48" (1.2 m)	3/4"	6530177A	43 ft	3	4"	53.0 ft	3	10"
AR-BR FLEX-15-075	60" (1.5 m)	3/4"	6530178A	52 ft	3	4"	64.2 ft	3	10"
AR-BR FLEX-18-075	72" (1.8 m)	3/4"	6530179A	63 ft	3	4"	75.5 ft	4	10"

Anchoring components are intended for use with drop ceilings conforming to ASTM C635 and other major standards when installed in accordance with the standard practice for installation of metal ceiling suspension systems for acoustical tile and lay-in panel, ASTM C635 or other equivalent standards.

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	