

FRICTION LOSS DATA & SPECIFICATIONS

MODEL NUMBER	OUTLET ORIFICE SIZE (in.) cm.	HOSE ASSEMBLY LENGTH in. (mm.)	MINIMUM BEND RADIUS		MAX NUMBER OF 90° BENDS		EQUIVALENT LENGTH OF 1in. SCHEDULE 40 PIPE (FT)						MAX RATED WORKING PRESSURE PSI (Kpa)	
			FM in. (mm.)	UL in. (mm.)	FM	UL	UL Ft (m.)	(FM) 5.6 k-factor Ft (m.)	(FM) 8.0 k-factor Ft (m.)	(FM) 11.2 k-factor Ft (m.)	(FM) 14.0 k-factor Ft (m.)	(FM) 16.8 k-factor Ft (m.)	FM PSI (Kpa)	UL PSI (Kpa)
SuperFlex 1" INTERNAL DIAMETER (I.D.) HOSE SERIES														
2036SF-50	½ (1.27)	36 (914)	7 (178)	2 (50.8)	2	5	30 (9.1)	16.2 (4.9)	16.9 (5.1)	11.5 (3.5)	–	–	175 (1205)	175 (1205)
2048SF-50		48 (1219)			3	8	47 (14.3)	28.7 (8.7)	29.3 (8.9)	15.4 (4.7)	–	–		
2072SF-50		72 (1828)			4	12	71 (21.6)	53.9 (16.4)	54.3 (16.5)	23.2 (7)	–	–		
2036SF-75	¾ (1.90)	36 (914)	7 (178)	2 (50.8)	2	5	29 (8.8)	–	21.5 (6.5)	21.6 (6.5)	21.8 (6.6)	22 (6.7)	175 (1205)	175 (1205)
2048SF-75		48 (1219)			3	8	44 (13.4)	–	30.5 (9.2)	30.6 (9.3)	31.1 (9.4)	30.8 (9.3)		
2072SF-75		72 (1828)			4	12	70 (21.3)	–	48.5 (14.7)	48.8 (14.8)	49.9 (15.2)	48.6 (14.8)		
Standard FlexHead 1" INTERNAL DIAMETER (I.D.) HOSE SERIES														
2024T-50	½ (1.27)	24 (610)	8 (200)	3 (76.2)	3	1	11 (3.4)	18.4 (5.6)	7.7 (2.3)	7.6 (2.3)	–	–	175 (1205)	175 (1205)
2036T-50		36 (914)			3	2	16 (4.9)	26.6 (8.1)	11.5 (3.5)	11.5 (3.5)	–	–		
2048T-50		48 (1219)			4	3	24 (7.3)	30.3 (9.2)	15.3 (4.6)	15.4 (4.7)	–	–		
2060T-50		60 (1524)			4	4	29 (8.8)	35.8 (10.9)	19.1 (5.8)	19.3 (5.8)	–	–		
2072T-50		72 (1828)			4	4	35 (10.7)	45.6 (13.9)	23.0 (7)	23.2 (7)	–	–		
2024T-75	¾ (1.90)	24 (610)	8 (200)	3 (76.2)	3	1	12 (3.7)	–	–	–	14.7 (4.5)	7.1 (2.1)	175 (1205)	175 (1205)
2036T-75		36 (914)			3	2	18 (5.5)	–	21.5 (6.5)	21.6 (6.6)	21.8 (6.6)	10.9 (3.3)		
2048T-75		48 (1219)			4	3	23 (7.0)	–	30.5 (9.3)	30.6 (9.3)	29 (8.8)	14.8 (4.5)		
2060T-75		60 (1524)			4	4	29 (8.8)	–	39.5 (12)	39.6 (12)	36.1 (11)	18.7 (5.6)		
2072T-75		72 (1828)			4	4	32 (9.8)	–	48.5 (14.7)	48.8 (14.9)	43.2 (13.1)	22.6 (6.8)		
2024ET-50	½ (1.27)	24 (610)	8 (200)	3 (76.2)	3	1	19 (5.8)	26.4 (8.0)	6.8 (2)	7.4 (2.2)	–	–	175 (1205)	175 (1205)
2036ET-50		36 (914)			3	2	23 (7.0)	30.1 (9.1)	11.8 (3.6)	12.5 (3.8)	–	–		
2048ET-50		48 (1219)			4	3	27 (8.2)	33.8 (10.3)	16.9 (5.1)	17.6 (5.3)	–	–		
2060ET-50		60 (1524)			4	4	32 (9.8)	37.5 (11.4)	21.9 (6.6)	22.7 (6.9)	–	–		
2072ET-50		72 (1828)			4	4	35 (10.7)	41.2 (12.5)	27.0 (8.2)	27.8 (8.4)	–	–		
2024ET-75	¾ (1.90)	24 (610)	8 (200)	3 (76.2)	3	1	18 (5.5)	–	–	–	14.7 (4.5)	8.2 (2.5)	175 (1205)	175 (1205)
2036ET-75		36 (914)			3	2	23 (7.0)	–	25.2 (7.7)	26 (7.9)	21.8 (6.6)	13 (3.9)		
2048ET-75		48 (1219)			4	3	23 (7.0)	–	32.9 (10)	33 (10)	29 (8.8)	17.8 (5.4)		
2060ET-75		60 (1524)			4	4	29 (8.8)	–	40.6 (12.3)	40 (12.1)	36.1 (11.0)	22.6 (6.8)		
2072ET-75		72 (1828)			4	4	32 (9.8)	–	48.5 (14.7)	47 (14.3)	43.2 (13.1)	27.5 (8.3)		

NOTES:

- * Model Numbers: The "SF" designates SuperFlex™ Hose series. The "50" designates ½" Outlet Hose series. The "75" designates ¾" Outlet Hose series. Inlet size 1".
- * "T" designates straight tall style hose and "ET" designates elbow tall style hose series.
- * Max Ambient Temperature Rating on all model numbers are 300° F (148° C).
- * Equivalent lengths are shown with maximum number of 90° bends at the minimum bend radius per agency. 2- 45° or 3-30° bend equal 1-90° bend. Different values were obtained by FM and UL due to the difference in minimum bend radius, testing protocol and calculation methods. Please see individual standards for more information relative to Friction Loss (equivalent length of pipe).
- * All hoses require a minimum of one bend for installation. Bend radius tool available for 3" bend "T" hose, "SF" hose does not require bend radius tool.
- * 20XXSF, SuperFlex™ Hose, is UL Approved with MPT-24-BKT1 Bracket with largest k-factor of 16.8.
- * FM equivalent length calculation includes Sprinkler Head Friction Loss.
- * See listing(s) approval agency for the latest approval details.