

NG Series Nylon Hose

End Connections

Swagelok Tube Fittings



Tube Fitting Size	Nominal Hose Size	End Connection Designator	Dimensions		
			A	Minimum Inside Diameter	Maximum Outside Dimension
Dimensions, in. (mm)					
1/4	1/4	S4	2.57 (65.3)	0.15 (3.8)	0.80 (20.3)
3/8	3/8	S6	2.94 (74.7)	0.24 (6.1)	0.87 (22.1)
1/2	1/2	S8	3.30 (83.8)	0.36 (9.1)	1.16 (29.5)
Dimensions, mm (in.)					
8	1/4 in.	G8	65.5 (2.58)	3.8 (0.15)	20.3 (0.80)
10	3/8 in.	G1	74.9 (2.95)	6.1 (0.24)	22.1 (0.87)
12	1/2 in.	G2	83.8 (3.30)	9.1 (0.36)	29.5 (1.16)

Swagelok Tube Adapters



Tube Adapter Size	Nominal Hose Size	End Connection Designator	Dimensions		
			A	Minimum Inside Diameter	Maximum Outside Dimension
Dimensions, in. (mm)					
1/4	1/4	T4	2.48 (63.0)	0.15 (3.8)	0.80 (20.3)
3/8	1/4	T6	2.47 (62.7)	0.15 (3.8)	0.80 (20.3)
	3/8	T6	2.82 (71.6)	0.24 (6.1)	0.87 (22.1)
1/2	1/2	T8	3.40 (86.4)	0.36 (9.1)	1.16 (29.5)
3/4		T7	3.70 (94.0)	0.56 (14.2)	1.31 (33.1)
Dimensions, mm (in.)					
8	1/4 in.	E8	62.7 (2.47)	3.8 (0.15)	20.3 (0.80)
10	3/8 in.	E1	71.6 (2.82)	6.1 (0.24)	22.1 (0.87)
12	1/2 in.	E2	86.4 (3.40)	9.1 (0.36)	29.5 (1.16)

Male Pipe Threads, NPT and ISO/BSP Tapered (ISO 7)



NPT and ISO/BSP Tapered Size in.	Nominal Hose Size in.	End Connection Designator	Dimensions, in. (mm)		
			A	Minimum Inside Diameter	Maximum Outside Dimension
NPT					
1/4	1/4	P4	2.28 (57.9)	0.15 (3.8)	0.80 (20.3)
3/8	3/8	P6	2.65 (67.3)	0.24 (6.1)	0.87 (22.1)
1/2	1/2	P8	3.09 (78.5)	0.36 (9.1)	1.16 (29.5)
ISO/BSP Tapered					
1/4	1/4	K4	2.28 (57.9)	0.15 (3.8)	0.80 (20.3)
3/8	3/8	K6	2.65 (67.3)	0.24 (6.1)	0.87 (22.1)
1/2	1/2	K8	3.09 (78.5)	0.36 (9.1)	1.16 (29.5)

HOSE / FLEXIBLE TUBING