



Sprinkler System Components | Flexible Sprinkler Hose with Fittings | **Flexible Sprinkler Hose with Fittings, Commercial Suspended Ceilings**

Model BT-5502

Product Description

Model No	NPT		K-Factor	Minimum Bend Radius		Number of Bends	Rated Working Pressure		Hose Assembly Length		Equivalent Length of 1 in. Schedule 40 Pipe	
	in	(mm)		in	(mm)		psi	(kPa)	ft	(m)	ft	(m)
BT-5502-0700	1/2	(15)	5.6	9	(229)	1	200	(1380)	2.3	(0.7)	22.9	(6.9)
BT-5502-1000	1/2	(15)	5.6	9	(229)	2	200	(1380)	3.3	(1.0)	34.6	(10.5)
BT-5502-1200	1/2	(15)	5.6	9	(229)	3	200	(1380)	3.9	(1.2)	41.0	(12.5)
BT-5502-1500	1/2	(15)	5.6	9	(229)	4	200	(1380)	4.9	(1.5)	50.4	(15.3)
BT-5502-1800	1/2	(15)	5.6	9	(229)	4	200	(1380)	5.9	(1.8)	58.5	(17.8)
BT-5502-0700-REL-A	1/2 with 90° Elbow	(15)	5.6	9	(229)	1	200	(1380)	2.3	(0.7)	36.6	(11.2)
BT-5502-1000-REL-A	1/2 with 90° Elbow	(15)	5.6	9	(229)	2	200	(1380)	3.3	(1.0)	43.5	(13.2)
BT-5502-1200-REL-A	1/2 with 90° Elbow	(15)	5.6	9	(229)	3	200	(1380)	3.9	(1.2)	48.1	(14.6)
BT-5502-1500-REL-A	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	4.9	(1.5)	54.9	(16.7)
BT-5502-1800-REL-A	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	5.9	(1.8)	61.8	(18.8)
BT-5502-0700-REL-S	1/2 with 90° Elbow	(15)	5.6	9	(229)	1	200	(1380)	2.3	(0.7)	27.7	(8.4)
BT-5502-1000-REL-S	1/2 with 90° Elbow	(15)	5.6	9	(229)	2	200	(1380)	3.3	(1.0)	34.9	(10.6)
BT-5502-1200-REL-S	1/2 with 90° Elbow	(15)	5.6	9	(229)	3	200	(1380)	3.9	(1.2)	39.7	(12.1)

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	in	(mm)		in	(mm)		psi	(kPa)	ft	(m)	ft	(m)
BT-5502-1500-REL-S	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	4.9	(1.5)	46.9	(14.3)
BT-5502-1800-REL-S	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	5.9	(1.8)	54.1	(16.5)
BT-5502-0700-REL-W	1/2 with 90° Elbow	(15)	5.6	9	(229)	1	200	(1380)	2.3	(0.7)	22.3	(6.8)
BT-5502-1000-REL-W	1/2 with 90° Elbow	(15)	5.6	9	(229)	2	200	(1380)	3.3	(1.0)	27.7	(8.4)
BT-5502-1200-REL-W	1/2 with 90° Elbow	(15)	5.6	9	(229)	3	200	(1380)	3.9	(1.2)	33.3	(10.1)
BT-5502-1500-REL-W	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	4.9	(1.5)	36.7	(11.2)
BT-5502-1800-REL-W	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	5.9	(1.8)	42.2	(12.9)
BT-5502-0700-REL-L	1/2 with 90° Elbow	(15)	5.6	9	(229)	1	200	(1380)	2.3	(0.7)	14.8	(4.5)
BT-5502-1000-REL-L	1/2 with 90° Elbow	(15)	5.6	9	(229)	2	200	(1380)	3.3	(1.0)	21.7	(6.6)
BT-5502-1200-REL-L	1/2 with 90° Elbow	(15)	5.6	9	(229)	3	200	(1380)	3.9	(1.2)	26.3	(8.0)
BT-5502-1500-REL-L	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	4.9	(1.5)	33.1	(10.1)
BT-5502-1800-REL-L	1/2 with 90° Elbow	(15)	5.6	9	(229)	4	200	(1380)	5.9	(1.8)	40.0	(12.1)
BT-5502-0700	3/4	(20)	8.0	9	(229)	1	200	(1380)	2.3	(0.7)	15.7	(4.8)
BT-5502-1000	3/4	(20)	8.0	9	(229)	2	200	(1380)	3.3	(1.0)	26.9	(8.2)
BT-5502-1200	3/4	(20)	8.0	9	(229)	3	200	(1380)	3.9	(1.2)	34.8	(10.6)

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	in	(mm)		in	(mm)		psi	(kPa)	ft	(m)	ft	(m)
BT-5502-1500	3/4	(20)	8.0	9	(229)	4	200	(1380)	4.9	(1.5)	43.8	(13.5)
BT-5502-1800	3/4	(20)	8.0	9	(229)	4	200	(1380)	5.9	(1.8)	53.4	(16.2)

1 in. nominal diameter flexible metal hose for providing a connection to automatic sprinklers in commercial suspended ceilings. Approval is limited for use in commercial suspended ceilings with a bracket system manufactured by BLAZETECH SYSTEMS LTD Models: BT-SER-6202, BT-SER-6203, BT-SER-6204, BT-ER-P02, BT-ER-P03, BT-ER-P04, EP-G, 2200, MSEL, AND BT6.

Approved when used with BSPT connections

The code of information for these flexible hose model designations is as follows:

Marking		Description	
BT		Manufacturer's initials	
28		Hose size in mm	
B		Braid	
BT-5502-REL-A		82mm length, 30.5mm ID, 1/2" NPT with 90° elbow reducer	
BT-5502-REL-S		82mm length, 30.5mm ID, 1/2" NPT with 90° elbow reducer	
BT-5502-REL-W		155mm length, 30.5mm ID, 1/2" NPT with 90° elbow reducer	
BT-5502-REL-L		162mm length, 30.5mm ID, 1 1/2" NPT with 90° elbow reducer	
Bracket	Middle		End
BT1	MH		EP-G
BT2	ML		EPT-L
BT3	ML		ECT-L
BT4	MSEL		EPT
BT5	MSEL		ECT
BT6	Concrete bracket made up of BT-SER-62, BT-SER-82, BT-SER-6200, and BT-SER-8200		

Details

Category	Flexible Sprinkler Hose with Fittings, Commercial Suspended Ceilings
Class of Work	1637 - Flex Spklr Hose with Ftngs

Company

BLAZETECH SYSTEMS LTD
100 AVEBURY BOULEVARD,
MILTON KEYNES, United Kingdom

FM Approvals

Approval Standard	FM 1637 - Flexible Sprinkler Hose With Threaded End Fittings
Certification Type	FM Approved - CPR ("CE")
Listing Country	United Kingdom
Use	Commercial Suspended Ceilings