

## - Approvals -

### FLEXONE 27 - Hose : 26.8mm(27A)

#### (1) Threaded Type

Unbraided	UL(C)	FM	VdS	Braided	UL(C)	FM	VdS
FLEXONE SJ27N-T700	<b>UL</b>	N/A	N/A	FLEXONE SJ27B-T700	<b>UL</b>	<b>FM</b>	<b>(VdS)</b>
FLEXONE SJ27N-T1000				FLEXONE SJ27B-T1000			
FLEXONE SJ27N-T1200				FLEXONE SJ27B-T1200			
FLEXONE SJ27N-T1500				FLEXONE SJ27B-T1500			
FLEXONE SJ27N-T1800				FLEXONE SJ27B-T1800			

#### (2) Welded Type

Unbraided	UL(C)	FM	VdS	Braided	UL(C)	FM	VdS
FLEXONE SJ27N-W700	N/A	N/A	N/A	FLEXONE SJ27B-W700	<b>UL</b>	N/A	<b>(VdS)</b>
FLEXONE SJ27N-W1000				FLEXONE SJ27B-W1000			
FLEXONE SJ27N-W1200				FLEXONE SJ27B-W1200			
FLEXONE SJ27N-W1500				FLEXONE SJ27B-W1500			
FLEXONE SJ27N-W1800				FLEXONE SJ27B-W1800			

(\*): In Preparation



#### FLEXONE

SJ : Sprinkler Joint

27 : 27A(Ø26.8)

N/B : N - Unbraided Type  
B - Braided Type

W : Welded Type

XXXX : Hose Length

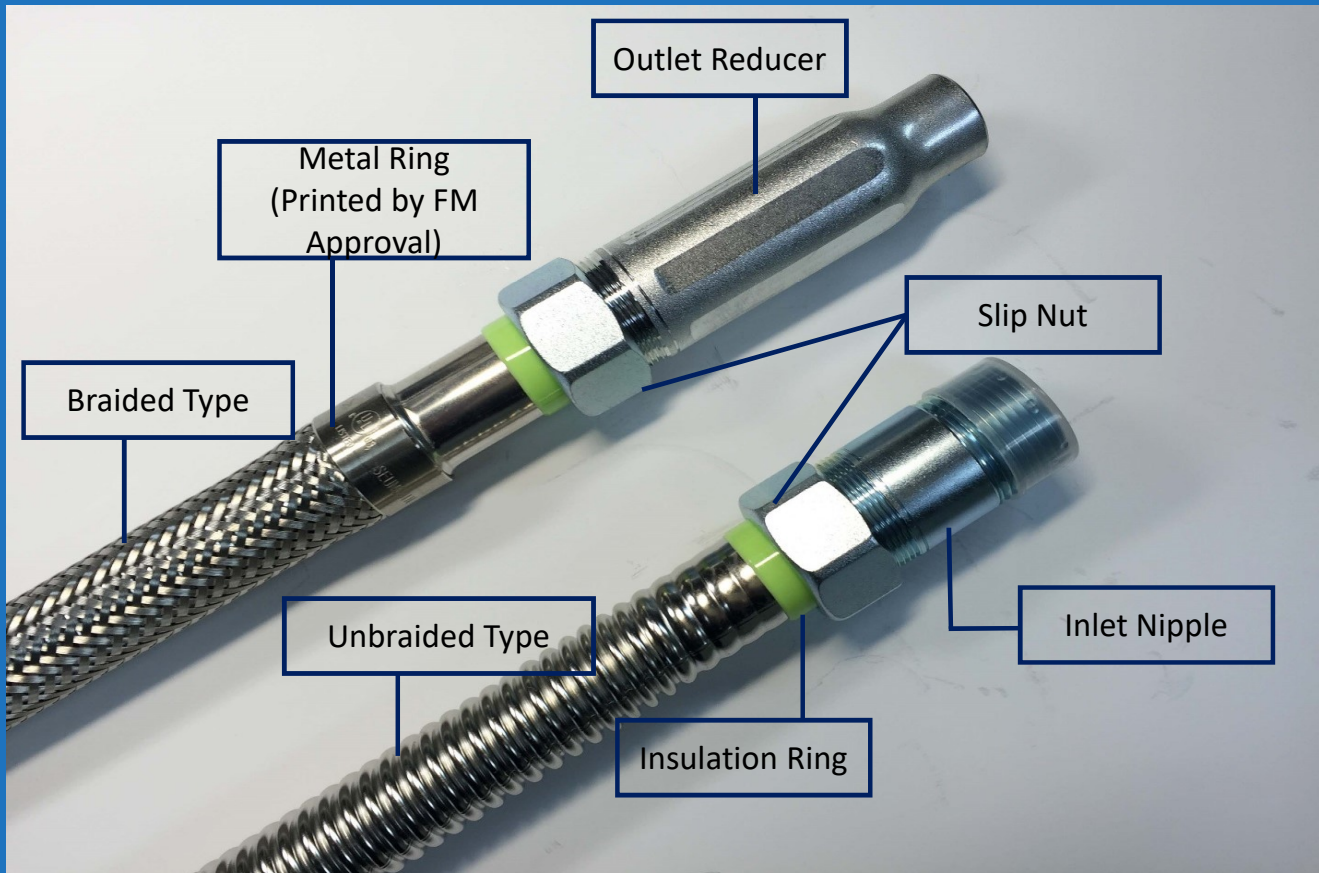
Old UL Model :

SPN-WXXX, SPB-WXXX

FLEXONE SJ27N-WXXX/FLEXONE SJ27B-WXXX



### - Specification -



Hose Diameter	27A : FLEXONE 27	I.D. : 26.2mm O.D. : 26.8mm
Hose Type	Unbraided or Braided Type / Threaded or Welded Type	
Max. Ambient Temperature	225°F (107°C)	
Max. Working Pressure	175 psi (Unbraided) / 200 psi (Braided)	
Minimum Bend Radius	6 Inch (UL/ULC) / 9 Inch (FM)	
K-Factor	1/2" Outlet	5.6 gpm(SJ27N-T(W)XXX)
		8.0 gpm(SJ27B-T(W)XXX)
	3/4" Outlet	11.2 gpm(SJ27N-T(W)XXX)
		16.8 gpm(SJ27B-T(W)XXX)
Length Available	700mm, 1000mm, 1200mm, 1500mm, 1800mm	
Connection	Inlet	1", NPT/BSPT
	Outlet	1/2" or 3/4", NPT/BSPT



### - Technical Data -

#### (1) UL 27 - FLEXONE SJ27N-TXXX

Model	Rated Pressure, psig	Nom Inlet by Outlet Size, in.	Assembly length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, in	Equivalent Length of 1 in. Schedule 40 Steel Pipe(c=120), ft
FLEXONE SJ27N-T700	175	1x1/2	2.3(700)	1	6	12
FLEXONE SJ27N-T1000	175	1x1/2	3.3(1000)	1	6	17
FLEXONE SJ27N-T1200	175	1x1/2	3.9(1200)	2	6	43
FLEXONE SJ27N-T1500	175	1x1/2	4.9(1500)	2	6	53
FLEXONE SJ27N-T1800	175	1x1/2	5.9(1800)	2	6	65
FLEXONE SJ27N-T700	175	1x3/4	2.3(700)	1	6	22
FLEXONE SJ27N-T1000	175	1x3/4	3.3(1000)	1	6	35
FLEXONE SJ27N-T1200	175	1x3/4	3.9(1200)	2	6	39
FLEXONE SJ27N-T1500	175	1x3/4	4.9(1500)	2	6	47
FLEXONE SJ27N-T1800	175	1x3/4	5.9(1800)	2	6	53

#### (2) UL 27 - FLEXONE SJ27B-TXXX

Model	Rated Pressure, psig	Nom Inlet by Outlet Size, in.	Assembly length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, in	Equivalent Length of 1 in. Schedule 40 Steel Pipe(c=120), ft
FLEXONE SJ27B-T700	200	1x1/2	2.3(700)	1	6	12
FLEXONE SJ27B-T1000	200	1x1/2	3.3(1000)	1	6	17
FLEXONE SJ27B-T1200	200	1x1/2	3.9(1200)	2	6	43
FLEXONE SJ27B-T1500	200	1x1/2	4.9(1500)	2	6	53
FLEXONE SJ27B-T1800	200	1x1/2	5.9(1800)	2	6	65
FLEXONE SJ27B-T700	200	1x3/4	2.3(700)	1	6	22
FLEXONE SJ27B-T1000	200	1x3/4	3.3(1000)	1	6	35
FLEXONE SJ27B-T1200	200	1x3/4	3.9(1200)	2	6	39
FLEXONE SJ27B-T1500	200	1x3/4	4.9(1500)	2	6	47
FLEXONE SJ27B-T1800	200	1x3/4	5.9(1800)	2	6	53



### - Technical Data -

#### (3) UL 27 - FLEXONE SJ27B-WXXX

Model	Rated Pressure, psig	Nom Inlet by Outlet Size, in.	Assembly length, ft(mm)	Max No. of 90° Bends	Min Bend Radius, in.	Equivalent Length of 1 in. Schedule 40 Steel Pipe(c=120), ft
FLEXONE SJ27B-W700	175	1x1/2	2.3(700)	1	6	17
FLEXONE SJ27B-W1000	175	1x1/2	3.3(1000)	1	6	25
FLEXONE SJ27B-W1200	175	1x1/2	3.9(1200)	2	6	37
FLEXONE SJ27B-W1500	175	1x1/2	4.9(1500)	2	6	44
FLEXONE SJ27B-W1800	175	1x1/2	5.9(1800)	2	6	53

#### (4) FM 27 - FLEXONE SJ27B-TXXX

Model	NPT in.	K-Factor	Minimum Bend Radius in.(mm)	Number of Bends	Rated Working Pressure psi (kPa)	Hose Assembly length in.(mm)	Equivalent Length of 1 in. Schedule 40 Pipe, ft(m)
FLEXONE SJ27B-T700	1/2	5.6	9(230)	1	175(1205)	28(700)	28.4(8.6)
FLEXONE SJ27B-T1000	1/2	5.6	9(230)	2	175(1205)	40(1000)	45.8(13.9)
FLEXONE SJ27B-T1200	1/2	5.6	9(230)	2	175(1205)	48(1200)	57.4(17.5)
FLEXONE SJ27B-T1500	1/2	5.6	9(230)	3	175(1205)	60(1500)	69.6(21.2)
FLEXONE SJ27B-T1800	1/2	5.6	9(230)	4	175(1205)	72(1800)	81.8(24.9)
FLEXONE SJ27B-T700	3/4	8.0	9(230)	1	175(1205)	28(700)	27.6(8.4)
FLEXONE SJ27B-T1000	3/4	8.0	9(230)	2	175(1205)	40(1000)	40.8(12.4)
FLEXONE SJ27B-T1200	3/4	8.0	9(230)	2	175(1205)	48(1200)	49.6(15.1)
FLEXONE SJ27B-T1500	3/4	8.0	9(230)	3	175(1205)	60(1500)	62.7(19.1)
FLEXONE SJ27B-T1800	3/4	8.0	9(230)	4	175(1205)	72(1800)	75.8(23.1)