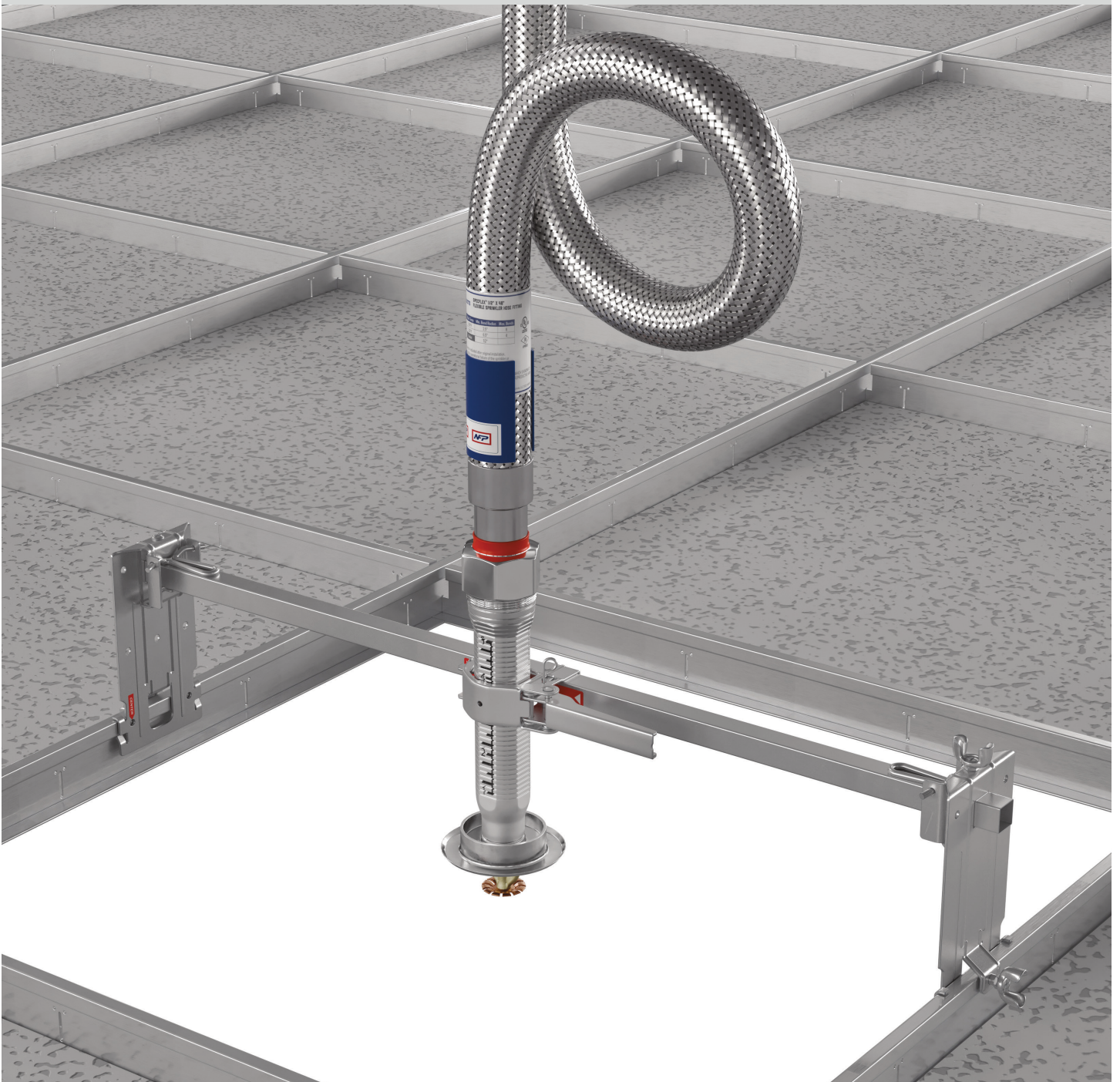


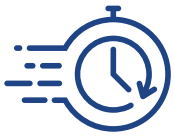
SPECFLEX™ FLEXIBLE SPRINKLER DROPS



SPECFLEX™ FLEXIBLE SPRINKLER DROPS

Specflex Flexible Sprinkler Drops from National Fire Products™ (NFP) give you the ability to bend your workday to your will. As an alternative to hard pipe installations, **Specflex brings jobsite efficiency and future-proofing to fire protection system projects.**

SPEED AND EASE



No cuts, no joining, no threading—just installation. Specflex comes ready to use right out of the box, so you can get projects completed fast. There's less material handling involved and it's easier to place it in the dead center of

the tile when you opt for flexible drops over hard pipe.

FUTURE-PROOFING



Ceilings and hard lids can move over time, but a flexible drop will move with them, reducing the need to change existing infrastructure to account for the new position.

Specflex drops eliminate the need to re-cut, attach or demolish existing pipe and fittings during remodels and field changes. Since they move easily to meet sprinkler heads wherever they are. And since the system remains intact, there's no need to shut down and drain it for simple relocations.

SEISMIC PROTECTION



During seismic activity, Specflex maintains the connection between the sprinkler and the branch pipe for uninterrupted fire protection coverage.

GENERAL FEATURES

- Available in 31", 36", 48", 60" and 72" lengths
- 1-1/4" ID model results in lower friction loss for better flow rates
- Unique quick-release lever option for open-gate bracket
- Bracket and fittings available for multiple applications
- 100% factory-tested for leakage and pressure



WANT TO KNOW MORE?

Check out Specflex™ for yourself at ferguson.com/nfp-specflex



For details on standards refer to NFP Specflex™ specification sheets.

HOSES

SPECFLEX™ SH SPRINKLER DROPS

NFP21XXX



FEATURES & BENEFITS

- Available lengths: 31", 36", 48", 60" and 72"
- Outlet sizes: 1/2" and 3/4"
- Includes pre-installation positioning and identification sleeve
- Max ambient temperature rating: 225° F (UL/FM)
- Max working pressure rating: 175 psi (UL/FM)
- Minimum bend radius**: UL - 4" / FM - 8"
- Connection: Inlet - 1" MNPT
- Hose diameter: I.D. = 0.85" (21.5mm) O.D. = 1.10" (28mm)

TECHNICAL DATA

- Hose type: Braided
- Hose: Stainless steel 304
- Nut and nipple: Zinc-plated steel
- Sealing gasket: EPDM
- Press ring (inner and outer): Stainless steel 304
- Isolation ring: Nylon

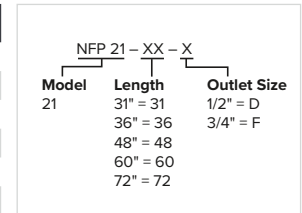
FRICITION LOSS DATA

LENGTH (IN.)	MAX NUMBER OF 90° BENDS		OUTLET CONNECTION	K-FACTOR	EQUIVALENT LENGTH OF 1" SCHEDULE 40 PIPE (FT)	
	UL	FM			UL	FM
31"	2	1	1/2" 3/4"	5.6 8.0	27.0 34.0	33.1 37.4
36"	2	2	1/2" 3/4"	5.6 8.0	31.0 34.0	37.4 30.4
48"	3	3	1/2" 3/4"	5.6 8.0	48.0 51.0	54.9 48.3
60"	4	4	1/2" 3/4"	5.6 8.0	60.0 65.0	72.5 66.2
72"	4	4	1/2"	5.6	71.0	90.5

SH HOSE BRACKET APPROVALS

BRACKET	APPROVED BRACKET ASSEMBLY
NFP240124	FM, UL
NFP240724	FM, UL
NFP240624	FM, UL
NFP240148	FM
NFP2403	FM
NFP240424	FM

ORDERING CODE MATRIX



*UL: 4" minimum bend radius, where C=120 **FM: 8" minimum bend radius, where C=120

SPECFLEX™ SHP SPRINKLER DROPS

NFP22XXX



FEATURES & BENEFITS

- Available lengths: 31", 36", 48", 60" and 72"
- Outlet sizes: 1/2" and 3/4"
- Includes pre-installation positioning and identification sleeve
- Max ambient temperature rating: 300° F
- Max working pressure rating: 300 psi (UL), 225 psi (FM)
- Minimum bend radius*: UL 2.5" / FM - 6.5"
- Connection: Inlet - 1" MNPT
- Hose diameter: I.D. = 1.14" (29mm) O.D. = 1.38" (35mm)

TECHNICAL DATA

- Hose type: Braided
- Hose: Stainless steel 304
- Nut and nipple: Zinc-plated steel
- Sealing gasket: EPDM
- Press ring (inner and outer): Stainless steel 304
- Isolation ring: Nylon

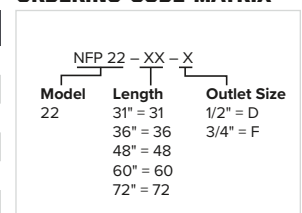
FRICITION LOSS DATA

LENGTH (IN.)	MAX NUMBER OF 90° BENDS		OUTLET CONNECTION	K-FACTOR	EQUIVALENT LENGTH OF 1" SCHEDULE 40 PIPE (FT)	
	UL	FM			UL	FM
31"	4	3	1/2"	5.6	9.0	3.5
				8.0		4.4
			3/4"	8.0	16.0	5.0
				14.0		5.1
36"	5	4	1/2"	5.6	12.0	4.5
				8.0		5.1
			3/4"	8.0	22.0	6.0
				14.0		6.0
48"	8	4	1/2"	5.6	19.0	6.9
				8.0		6.6
			3/4"	8.0	34.0	8.4
				14.0		8.3
60"	10	4	1/2"	5.6	26.0	9.4
				8.0		8.1
			3/4"	8.0	40.0	10.9
				14.0		10.6
72"	12	4	1/2"	5.6	37.0	11.9
				8.0		9.7
			3/4"	8.0	46.0	13.4
				14.0		12.9

SHP HOSE BRACKET APPROVALS

BRACKET	APPROVED BRACKET ASSEMBLY
NFP240124	FM, UL
NFP240724	FM, UL
NFP240624	FM, UL
NFP240148	FM
NFP2403	FM
NFP240424	FM

ORDERING CODE MATRIX



*UL: 2.5" minimum bend radius, where C=120 **FM: 6.5" minimum bend radius, where C=120

BRACKETS

WOOD AND METAL STUD SPECFLEX™ BRACKET

NFP240724



FEATURES & BENEFITS

- One-piece bracket for use on wood or metal studs
- Includes open-gate bracket for easy adjustments
- Comes fully assembled for faster installation
- Length: 24"
(adjustment range: 7-1/4" – 24")
- Height: 2-3/4"

TECHNICAL DATA

- Material: Zinc-plated steel, ASTM A-366
- Bracket thickness: 2.0mm, ± 0.05
- See Specflex Hose data sheets for UL/FM approved assemblies

OPEN GATE SPECFLEX™ BRACKET

NFP240124/NFP240148



FEATURES & BENEFITS

- Available in 24" and 48" lengths
- One-piece bracket for hard-lid or suspended ceilings
- Includes open-gate bracket for easy adjustments
- Comes fully assembled for faster installation
- Center points clearly marked with stickers to eliminate in-field measuring
- Allows for installation before ceiling tiles

TECHNICAL DATA

- Material: ASTM-A366
- Bracket thickness: 2.0mm, ± 0.05
- See Specflex Hose data sheets for UL/FM approved assemblies

LOW-PROFILE SPECFLEX™ BRACKET

NFP240424



FEATURES & BENEFITS

- One-piece bracket for low-profile applications
- Includes open-gate bracket for easy adjustments
- Comes fully assembled for faster installation
- Length: 24"
(adjustment range: 6" – 24")
- Height: 3-7/8"

TECHNICAL DATA

- Material: Zinc-plated steel, ASTM A-366
- Bracket thickness: 2.0mm, ± 0.05
- See Specflex Hose data sheets for UL/FM approved assemblies

HAT CHANNEL SPECFLEX™ BRACKET

NFP240624



FEATURES & BENEFITS

- One-piece bracket for hat furring channel grid systems in hard lid ceilings
- Includes open-gate bracket for easy adjustments
- Comes fully assembled for faster installation
- Length: 24" (adjustment range: 9-1/4" – 24")
- Height: 5-1/2"

TECHNICAL DATA

- Material: Zinc-plated steel, ASTM A-366
- Bracket thickness: 2.0mm, ± 0.05
- See Specflex Hose data sheets for UL/FM approved assemblies

SIDEWALL/INSTITUTIONAL SPECFLEX™ BRACKET

NFP2403



FEATURES & BENEFITS

- One-piece bracket assembly suitable for the following applications:
 - Surface mount
 - Sidewall
 - Institutional
- Includes open gate bracket for easy adjustment

TECHNICAL DATA

- Material: Zinc-plated steel, ASTM-A526
- Bracket thickness: 2.0mm, ± 0.05
- See Specflex Hose data sheets for UL/FM approved assemblies