



Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | **Pipe Fittings**

Pipe Fittings

Product Designation	Fitting Description	Nominal Pipe Size, in. or mm	Rated Working Pressure, psi (kPa)	Remarks
Kardan Mafsalli Tip	Expansion Joint	25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300 (1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12)	175 (1205)	a, b, c

Remarks:

- a. ANSI Flange
- b. Welded
- c. Cut Groove
- d. EN Flange

Product Designation	Fitting Description	Nominal Pipe Size, in. or mm	Rated Working Pressure, psi (kPa)	Remarks
Kardan Mafsalli Tip	Expansion Joint	25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300 (1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10, 12)	250 (1725)	a, b, c

Remarks:

- a. ANSI Flange
- b. Welded
- c. Cut Groove
- d. EN Flange

Product Designation	Fitting Description	Nominal Pipe Size, in.	Rated Working Pressure, psi (kPa)	Remarks / Movement, inches
U-FLEX Expansion Loop	Type 1, Welded Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	d / ±1-1/2, ±4, ±8
U-FLEX Expansion Loop	Type 2, Flanged Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	c, f / ±1-1/2, ±4
U-FLEX Expansion Loop	Type 3, Swivel Flanged Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	c, f / ±1-1/2, ±4, ±8
U-FLEX Expansion Loop	Type 4, Threaded Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6 (25, 32, 40, 50, 65, 80, 100, 125, 150 mm)	175 (1205) 250 (1725)	g / ±1-1/2, ±4, ±8
U-FLEX Expansion Loop	Type 5, Sweat Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6 (25, 32, 40, 50, 65, 80, 100, 125, 150 mm)	175 (1205) 250 (1725)	±1-1/2, ±4

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Product Designation	Fitting Description	Nominal Pipe Size, in.	Rated Working Pressure, psi (kPa)	Remarks / Movement, inches
U-FLEX Expansion Loop	Type 6, Sweat Ends, With intermediate pipe	1, 1-1/4, 1-1/2, 2 (25, 32, 40, 50)	175 (1205) 250 (1725)	± 1-1/2, ±4
U-FLEX Expansion Loop	Type 7, Cut Groove Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	a, b, e / ±1- 1/2, ±4, ±8
V-FLEX Expansion Loop	Type 7, Cut Groove Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	a, b, e / ±1- 1/2, ±4, ±8
V-FLEX Expansion Loop	Type 4, Threaded Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6 (25, 32, 40, 50, 65, 80, 100, 125, 150 mm)	175 (1205) 250 (1725)	g / ±1- 1/2, ±4, ±8
V-FLEX Expansion Loop	Type 3, Swivel Flange Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	c, f / ±1- 1/2, ±4, ±8
V-FLEX Expansion Loop	Type 1, Welded Ends, 180° Return	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8, 10 (25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250 mm)	175 (1205) 250 (1725)	d / ±1- 1/2, ±4, ±8

Remarks:

- a. Min schedule cut groove pipe to be joined: 4 in. or smaller - Schedule 40.
b. Min schedule rolled groove pipe to be joined: 4 in. or smaller - Schedule 10.
c. ANSI Flange
d. Welded
e. Cut Groove
f. EN Flange
g. Threads according to EN 10226 specifications

Details

Certification Type : FM Approved

Approval Standard : FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems

Class of Work : 1920 - Coupling & Fitting, All Type

Listing Country : Turkey

Category : Pipe Fittings

Company

Haci Ayvaz Endüstriyel Mamülleri San. ve Tic. A.S.

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