FM Approvals

Pipes/Fittings/Couplings | Aboveground Pipe and Fittings | Pipe Fittings, Side Outlet, Rigid

Models 4101 and 4201

Product Description

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model 4101	Mechanical Tee (Grooved Outlet)	2 x 1-1/4, 1-1/2 2-1/2 x 1-1/2, 2 76.1 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2 108 mm x 1, 1-1/4, 1-1/2, 2, 76.1 mm 4 x 1-1/4, 1-1/2, 2 139.7 mm x 1-1/4, 1-1/2, 2 5 x 1-1/4, 1-1/2, 2 159 mm x 1-1/4, 1-1/2, 2 165.1 mm x 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 8 x 1-1/4, 1-1/2, 2	300	(2065)	a, b, c, n, o, p, q, r, s
Model 4101	Mechanical Tee (Grooved Outlet)	2 x 1-1/4, 1-1/2 76.1 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2	300	(2065)	d, e, f, n, o, p, q, r, s
Model 4101	Mechanical Tee (Grooved Outlet)	139.7 mm x 1-1/4, 1-1/2, 2 165.1 mm x 1-1/4, 1-1/2, 2	300	(2065)	e, f, n, o, p, q, r, s

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Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model 4101	Mechanical Tee (Grooved Outlet)	2 x 1-1/4, 1-1/2 2-1/2 x 1-1/2, 2 76.1 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2 139.7 mm x 1-1/4, 1-1/2, 2 5 x 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 8 x 1-1/4, 1-1/2, 2	300	(2065)	g, n, o, p, q, r, s
Model 4101	Mechanical Tee (Grooved Outlet)	2 x 1-1/4, 1-1/2 2-1/2 x 1-1/2, 2 76.1 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2 139.7 mm x 1-1/4, 1-1/2, 2 5 x 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2	300	(2065)	h, n, o, p, q, r, s
Model 4101	Mechanical Tee (Grooved Outlet)	3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2 139.7 mm x 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 8 x 1-1/4, 1-1/2, 2	300	(2065)	i, n, o, p, q, r, s

FM Approvals

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model 4101	Mechanical Tee (Grooved Outlet)	2 x 1-1/4, 1-1/2 76.1 mm x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2 4 x 1-1/4, 1-1/2, 2 139.7 mm x 1-1/4, 1-1/2, 2 6 x 1-1/4, 1-1/2, 2 8 x 1-1/4, 1-1/2, 2	300	(2065)	j, k, l, m, n, o, p, q, r, s
Model 4201	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 108 mm x 1, 1-1/4, 1-1/2, 2, 2-1/2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 133 mm x 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 159 x 1, 1-1/4, 1-1/2, 2 165.1 mm x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2	300	(2065)	a, b, c, n, o, p, q, r, s
Model 4201	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	300	(2065)	d, e, f, n, o, p, q, r, s
Model 4201	Mechanical Tee (Threaded Outlet)	139.7 mm x 1, 1-1/4, 1-1/2, 2 165.1 mm x 1, 1-1/4, 1-1/2, 2	300	(2065)	e, f, n, o, p, q, r, s

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Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model 4201	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 159 x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2	300	(2065)	g, n, o, p, q, r, s
Model 4201	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 5 x 1, 1-1/4, 1-1/2, 2 159 x 1,1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2	300	(2065)	h, n, o, p, q, r, s
Model 4201	Mechanical Tee (Threaded Outlet)	3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2	300	(2065)	i, j, n, o, p, q, r, s

FM Approvals

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
Model 4201	Mechanical Tee (Threaded Outlet)	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 76.1 mm x 1/2, 3/4, 1, 1-1/4, 1-1/2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 139.7 mm x 1, 1-1/4, 1-1/2, 2 6 x 1, 1-1/4, 1-1/2, 2 8 x 1, 1-1/4, 1-1/2, 2	300	(2065)	j, k, l, m, n, o, p, q, r, s

Remarks:

a. Min schedule cut groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30

b. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 40; 8 in. or larger - Schedule 30

c. Min schedule rolled groove pipe to be joined: 6 in. or smaller - Schedule 10; 8 or 10 in. - 0.188 in. (5 mm) wall; 12 in. 0.250 in. (6.35 mm) wall

d. FM Approved for Use with EN 10255 Light pipe

e. FM Approved for Use with EN 10255 Medium pipe

f. FM Approved for Use with EN 10255 Heavy pipe

g. FM Approved for use with EN 10220 sprinkler pipe with comparable wall thicknesses to Schedule 40 steel sprinkler pipe per ASME B36.10-2004 specifications.

h. FM Approved for use with EN 10220 sprinkler pipe with comparable wall thicknesses to Schedule 10 steel sprinkler pipe per ASME B36.10-2004 specifications.

i. FM Approved for Use with ISO 4200 "Thickness D" Pipe

j. FM Approved for Use with ISO 4200 "Thickness E" Pipe

k. FM Approved for Use with ISO 4200 "Thickness F" Pipe

l. FM Approved for Use with ISO 4200 "Thickness F" Pipe

m. FM Approved for Use with ISO 4200 "Thickness G" Pipe

n. With EPDM gasket

o. Product is marked with acceptable trade name of either "LEDE", "LENE" or "PREM"

p. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Painted Surface Finish

q. FM Approved for Use with either a Red, Orange, Black, Yellow, Blue, Green or Silver Epoxy Powder Coat Surface Finish

r. FM Approved for Use with a Silvery White Colored Dacromet Surface Finish

s. FM Approved for Use with a Hot Dip Galvanized Surface Finish

FM Approvals

Details

Category	Pipe Fittings, Side Outlet, Rigid
Class of Work	1920 - Coupling & Fitting, All Type
Approval Standard	FM 1920 - Pipe Couplings and Fittings for Aboveground Fire Protection Systems
Certification Type	FM Approved
Listing Country	China

Company

- **Shandong Lede Machinery Co. Ltd.**
- No. 3998 West Weihuan N Rd, Weicheng Dist, Weifang City, Shandong 261057, China
- **http://wflede.com**