

November 19, 2025

FM APPROVAL OF WARD BRAND FITTINGS

This is to confirm that Ward fittings produced before November 1, 2025, were manufactured during the period in which an active FM listing was in place, as detailed below. Although the listings have been removed from the FM site, these fittings bearing the FM mark retain their approval.



Vernon Belliveau
Director Supplier Quality & Compliance



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

Pipe Fittings

Product Description

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
1 and 2	C.I. Pipe Plug	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6	175	(1205)	b
3 and 4	C.I. Pipe Plug	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6	175	(1205)	b
5	M.I. Pipe Plug	1/2, 3/4, 1	175	(1205)	b
5	C.I. Pipe Plug	1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
9	C.I. or M.I. Hex Bushing	1/2 x 1/4 1/2 x 1/8, 3/8 3/4 x 1/8, 1/4, 3/8, 1/2 1 x 1/8, 1/4, 3/8, 1/2, 3/4 1 1/4 x 1/8, 1/4, 3/8, 1/2, 3/4, 1 1 1/2 x 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4 2 x 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 3 x 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 3 1/2 x 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 4 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2 5 x 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4 6 x 2, 2 1/2, 3, 4, 5 8 x 4, 5, 6	175	(1205)	b
10	C.I. Flush Bushing	1 1/4 x 1/2 1 1/2 x 1/2, 3/4, 1 2 x 1/2, 3/4, 1, 1 1/4 2 1/2 x 1 1/2 3 x 3/4, 1, 1 1/4, 1 1/2, 2 3 1/2 x 1 1/2, 2, 2 1/2, 3 4 x 2, 2 1/2, 3, 3 1/2 5 x 3, 4 6 x 4, 5 8 x 6	175	(1205)	b



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
10A	M.I. Flush Bushing	1 x 1/4, 3/8, 1/2, 3/4 1 1/4 x 3/4, 1 1 1/2 x 1 1/4 2 x 1 1/2 2 1/2 x 2 3 x 2 1/2 4 x 3 1/2	175	(1205)	b
13	C.I. Outside Head, Double-Tapped Tank Bushing	1 x 1/2 x 1/2 1 1/2 x 1 x 1 2 x 3/8 x 3/8 2 x 1/2 x 1/2 2 x 3/4 x 3/4 2 x 1 x 1 2 x 1 1/4 x 1 1/4 2 x 1 1/2 x 1 1/2 3 x 1 x 1 3 x 2 x 2 4 x 1 x 1 4 x 1 1/2 x 1 1/2 4 x 2 1/2 x 2 1/2 4 x 2 x 2 4 x 3 x 3	175	(1205)	b
14	C.I. Flanged Union	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8	175	(1205)	b
19	C.I. Blind Flange	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10	175	(1205)	b
20	C.I. Companion Flange	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10	175	(1205)	b
21	C.I. 90° Elbow	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
22	C.I. Reducing Elbow	1/2 x 3/8 3/4 x 3/8, 1/2 1 x 1/2, 3/4 1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1, 1 1/4 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 3/4, 1, 1 1/4, 1 1/2, 2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2 3 1/2 x 3 4 x 1 1/2, 2, 2 1/2, 3, 3 1/2	175	(1205)	b
23	C.I. 45° Elbow	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
24	C.I. Tee	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
25	C.I. Reducing Tee	1/2 x 3/8 x 3/8 1/2 x 1/2 x 3/8 1/2 x 1/2 x 3/4 3/4 x 3/4 x 3/8, 1/2, 1 3/4 x 1/2 x 1/2 x 1/2, 3/4, 1 1 x 1/4 x 1 1 x 3/8 x 1 1 x 1/2 x 1/2, 3/4, 1, 1 1/4 1 x 3/4 x 1/2, 3/4, 1, 1 1/4 1 x 1 x 3/8, 1/2, 3/4, 1 1/4 1 1/4 x 1/8 x 1 1/4 1 1/4 x 1/4 x 1 1/4 1 1/4 x 1/2 x 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2 1 1/4 x 3/4 x 1/2, 3/4, 1, 1 1/4, 1 1/2 1 1/4 x 1 x 1/2, 3/4, 1, 1 1/4, 1 1/2 1 1/4 x 1 1/4 x 1/2, 3/4, 1, 1 1/2 1 1/2, 1/2 x 1/2, 1 1/4, 1 1/2 1 1/2 x 3/4 x 1/2, 3/4, 1, 1 1/4, 1 1/2 1 1/2 x 1 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 1 1/2 x 1 1/4 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 1 1/2 x 1 1/2 x 3/8, 1/2, 3/4, 1, 1 1/4, 2, 2 1/2, 3 2 x 1/2 x 1/2, 3/4, 1 1/4, 1 1/2, 2 2 x 3/4 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 2 x 1 x 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 2 x 1 1/4 x 1/2, 1, 1 1/4, 1 1/2, 2, 2 1/2 2 x 1 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2 1/2, 3 2 1/2 x 1/2 x 2, 2 1/2 2 1/2 x 3/4 x 3/4, 1, 2, 2 1/2 2 1/2 x 1 x 3/4, 1, 1 1/4, 2, 2 1/2 2 1/2 x 1 1/4 x 1, 1 1/4, 1 1/2, 2, 2 1/2 2 1/2 x 1 1/2 x 1/2, 1 1/4, 1 1/2, 2, 2 1/2 2 1/2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 2 1/2 x 2 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 3 3 x 3/4 x 3 3 x 1 x 2, 3 3 x 1 1/4 x 2, 3 3 x 1 1/2 x 1 1/2, 2, 3 3 x 2 x 1 1/2, 2, 2 1/2, 3 3 x 2 1/2 x 1 1/4, 2, 2 1/2, 3 3 x 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 1/2 3 1/2 x 1 x 3 1/2 3 1/2 x 1 1/4 x 3 1/2 3 1/2 x 3 x 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2 3 1/2 x 3 1/2 x 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4	175	(1205)	b

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
		4 x 1 x 4 4 x 1 1/4 x 4 4 x 1 1/2 x 1 1/2, 2, 4 4 x 2 x 1 1/2, 2, 2 1/2, 4 4 x 2 1/2 x 2, 2 1/2, 3, 4 4 x 3 x 1 1/2, 2, 2 1/2, 3, 3 1/2, 4 4 x 3 1/2 x 1 1/2, 2, 2 1/2, 3, 3 1/2, 4 4 x 4 x 1 1/2, 2, 2 1/2, 3, 3 1/2			
29	C.I. Reducer	1/2 x 3/4 1 1/4 x 3/4, 1 1 1/2 x 1, 3/4, 1 1/4 1 x 3/4, 1 x 1/2 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1 1/2, 2 3 x 1 1/2, 2	175	(1205)	b
30	C.I. Cap	2 1/2, 3, 3 1/2, 4, 5, 6	175	(1205)	b
30A	C.I. Cross	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b
30A	C.I. Reducing Cross	1 1/4 x 1 1 1/2 x 1 2 x 1	175	(1205)	b
47	M.I. 90° Elbow	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
47	M.I. Reducing 90° Elbow	1/2 x 1/4, 3/8 3/4 x 3/8, 1/2 1 x 3/8, 1/2, 3/4 1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1, 1 1/4 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1 1/2, 2 3 x 2, 2-1/2	175	(1205)	b
48	M.I. 45° Elbow	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
49	M.I. Cap	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
50	M.I. 90° Street El	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	175	(1205)	b
51	M.I. 45° Street El	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b
52	M.I. Tee	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b



Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
52	M.I. Reducing Tee	3/8 x 3/8 x 1/2 1/2 x 1/4 x 1/2 1/2 x 3/8 x 3/8, 1/2 1/2 x 1/2 x 1/4, 3/8, 3/4, 1 3/4 x 1/4 x 3/4 3/4 x 3/8 x 3/4 3/4 x 1/2 x 1/2, 3/4 3/4 x 3/4 x 1/4, 3/8, 1/2, 1 1 x 1/8 x 1 1 x 1/4 x 1 1 x 1/2 x 1/2, 3/4, 1 1 x 3/4 x 1/2, 3/4, 1 1 x 1 x 1/4, 3/8, 1/2, 3/4, 1 1/4, 1 1/2 1 1/4 x 1/2 x 1 1/4 1 1/4 x 3/4 x 3/4, 1, 1 1/4 1 1/4 x 1 x 1/2, 3/4, 1, 1 1/4 1 1/4 x 1 1/4 x 1/2, 3/4, 1, 1 1/2 1 1/2 x 1 1/4 x 1/2 1 1/2 x 1 x 1, 1 1/4, 1 1/2 1 1/2 x 1 1/2 x 1/2, 3/4, 1/2, 1, 1 1/4, 2 2 x 3/4 x 2 2 x 1 x 1, 2 2 x 1 1/4 x 1 1/2, 2 2 x 1 1/2 x 1, 1 1/2 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 2 1/2 x 3/4, 1, 1 1/4, 1 1/2, 2 3 x 2 x 3/4, 2, 3 3 x 3 x 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 4 x 4 x 1 1/2, 2, 2 1/2, 3	175	(1205)	b
53	M.I. Coupling	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	175	(1205)	b
53A	M.I. Reducing Coupling	1/2 x 1/4, 3/8 3/4 x 1/4, 3/8, 1/2 1 x 1/4, 3/8, 1/2, 3/4 1 1/4 x 1/2, 3/4, 1 1 1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2 2 1/2 x 1 1/4, 1 1/2, 2 3 x 1, 1 1/4, 1 1/2, 2, 2 1/2 4 x 2, 2 1/2, 3	175	(1205)	b
61	M.I. Cross	1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 3	175	(1205)	b
64	M.I. Street Tee	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b
71	C.I. Red Companion Flange	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6	175	(1205)	b

FM Approvals

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
73	Heavy Flanged Union	2, 2 1/2, 3, 3 1/2, 4	300	(2065)	b
91	Brass to Iron Union	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	175	(1205)	b
92	Brassto Iron Union	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2	300	(2065)	b
92	Brassto Iron Union	3, 4	175	(1205)	b
94	Iron to Iron Union	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	175	(1205)	b
98	Brass to Brass Union	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	175	(1205)	b
Flanged	90° Elbow	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	175	(1205)	c
X.BMEL	End of Run Fitting	Inlet Size: 1 1/4 Outlet Size: 1/2, 3/4 and 1	300	(2065)	d, e
X.BMEL	End of Run Fitting	Inlet Size: 1 1/2 Outlet Size: 1/2, 3/4 and 1	300	(2065)	d, e
X.BMEL	End of Run Fitting	Inlet Size: 2 Outlet Size: 1/2, 3/4 and 1	300	(2065)	d, e

Remarks:

a. WARDLOX pipe fittings. Attach to plain-end Schedule 10 or heavier pipe. With Grade E gasket material.

b. Threaded Fittings, NPT.

c. Flanged Fittings, IPS.

d. Available with a Grooved Inlet Connection

e. Available with a NPT Threaded Outlet Connection

Details

Category	Pipe Fittings
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	United States of America

Company

ASC Engineered Solutions LLC
 75 Portsmouth Blvd., Suite 210,
 Portsmouth , New Hampshire
 03801
 United States of America
<http://anvilintl.com>