

Technical Specifications

Specifications

CSST: Stainless Steel 304 (ASTM A240)
 Fittings: Zinc-plated steel S45C
 Coating: Epoxy
 Rated Pressure: CSA Certified up to 0.5 psi
 Rated Operating Temperature: -40°F to 150°F
 100% Leak Tested

Types

Stainless Steel (uncoated)
 Yellow Epoxy Coated Stainless Steel
 Black Epoxy Coated Stainless Steel

Sizes

3/8" OD (1/4" ID)
 1/2" OD (3/8" ID)
 5/8" OD (1/2" ID)
 1" OD (3/4" ID)

Lengths

12" 18" 24" 30" 36" 48" 60" 72"

Applications

Dryer
 Boilers
 Fireplace
 Space Heaters
 Manufactured Homes
 Tankless Water Heaters
 Rooftop Units
 Range/Oven
 BBQ Grills
 Furnaces

Certifications & Approvals



ANSI Z21.24 / CSA 6.10
Gas Appliances

ANSI Z21.69 / CSA 6.16
Movable Gas Appliances

ANSI Z21.75 / CSA 6.27
Outdoor Gas Appliances & Manufactured Homes

Commonwealth of Massachusetts
 Board of State Examiners

City of New York
 MEA #376-92-M

Testing

Strength Test
 Withstands an internal hydrostatic pressure of 250 psi (17 MPa) without bursting or evidence of leakage.

Bending Test
 Withstands 30 bends without leakage in depth of not more than 2 inches of water.

Torsion Test
 Withstands 15 applications of 90 degree twists.

Durability at High Temperature
 Withstands a temperature of 800°F.

Strength of Fittings
 Does not leak within a tighten torque of 1,040 inch-pounds.

Connector Minimum Flow Capacity

Straight Length Capacity (BTU/Hr., 0.64 SpGr., 1,000 BTU per cubic ft. at 0.5" W.C. pressure drop)

Series	Nominal ID" (OD")	12"	18"	24"	30"	36"	48"	60"	72"
014	1/4" (3/8")	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
038	3/8" (1/2")	102,000	93,100	85,000	77,100	71,100	60,500	53,200	49,100
012	1/2" (5/8")	180,000	164,200	150,000	136,000	125,000	106,000	93,200	86,000
034	3/4" (1")	290,900	290,900	290,900	270,500	255,900	215,900	197,400	173,900

The above flow capacities are the minimum performance requirement per ANSI Z21.24/CSA 6.10 and ANSI Z21.75/CSA 6.27 EASYFLEX Gas Connectors exceed these minimum flow capacities requirements