




103 Series Connectors 3/8" OD (1/4" ID) Yellow Coated





Water Heater, Gas Log, Wall Heater Connectors with Fittings




Description		Part #	Length (When ordering, add length after the part number)							
			12"	18"	24"	30"	36"	48"	60"	72"
	1/2" MIP x 1/2" MIP	103-3131-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" MIP x 1/2" MIP	103-2131-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" MIP x 3/8" MIP	103-2121-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	1/2" FIP x 1/2" FIP	103-3232-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" FIP x 1/2" FIP	103-2232-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" FIP x 3/8" FIP	103-2222-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" MIP x 3/8" FIP	103-2122-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	3/8" MIP x 1/2" FIP	103-2132-	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	1/2" MIP x 3/8" FIP	103-3122	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
	1/2" MIP x 1/2" FIP	103-3132	19.51	23.01	26.51	29.88	33.38	40.38	46.88	54.38
Carton Qty./Approx. Ctn. Wt. Lbs.			25/14	25/16	25/17	25/18	25/19	25/21	12/12	12/13

Water Heater, Gas Log, Wall Heater Connectors with Valves



Description		Part #	Length (When ordering, add length after the part number)							
			12"	18"	24"	30"	36"	48"	60"	72"
	1/2" MIP x 1/2" FIP Ball	103-3135-	30.25	33.75	37.25	40.63	44.13	51.13	58.13	65.13
	3/8" MIP x 1/2" FIP Ball	103-2135-	30.25	33.75	37.25	40.63	44.13	51.13	58.13	65.13
	1/2" FIP x 1/2" FIP Ball	103-3235-	30.25	33.75	37.25	40.63	44.13	51.13	58.13	65.13
	3/8" FIP x 1/2" FIP Ball	103-2235-	30.25	33.75	37.25	40.63	44.13	51.13	58.13	65.13
	1/2" MIP x 1/2" FIP Angle	103-3136-	32.25	35.75	39.25	42.63	46.13	53.13	60.13	67.13
	1/2" FIP x 1/2" FIP Angle	103-3236-	32.25	35.75	39.25	42.63	46.13	53.13	60.13	67.13
	Carton Qty./Approx. Ctn. Wt. Lbs.		25/18	25/19	25/20	25/22	25/23	25/25	12/14	12/15

Nut By Nut Connectors

Description		Part #	Length (When ordering, add length after the part number)							
			10"	16"	22"	28"	34"	46"	58"	70"
	3/8" OD (1/4" ID) tube with 3/8" OD flare nuts	103-9898-	11.63	15.13	18.63	22.00	25.50	32.51	39.50	46.50
	3/8" OD (1/4" ID) tube with 3/8" OD flare nuts (9/16"-24 thread)	FT103-9898-	11.63	15.13	18.63	22.00	25.50	32.51	39.50	46.50
Carton Qty./Approx. Ctn. Wt. Lbs.			25/6	25/7	25/8	25/10	25/11	25/13	12/8	12/9