

# Valves and Tapping Sleeves C-12

# MJ Tapping Sleeve

## Ductile Iron Mechanical Joint Tapping Sleeve



## MJ Sleeves for Use with Cast Iron or Ductile Iron Pipe

SLEEVE SIZE	PRODUCT NUMBER	SLEEVE SIZE	PRODUCT NUMBER
4" x 4"	39185	12" x 4"	40015
6" x 4"	39360	12" x 6"	39990
6" x 6"	39340	12" x 8"	39965
8" x 4"	39550	12" x 10"	39940
8" x 6"	39525	12" x 12"	39920
8" x 8"	39505	16" x 4"	40267
10" x 4"	39765	16" x 6"	40261
10" x 6"	39740	16" x 8"	40238
10" x 8"	39715	16" x 10"	40232
10" x 10"	39695	16" x 12"	40216

NOM. PIPE SIZE	¾" GASKET (for std. cast/ductile pipe)			
	DIAMETER		CIRCUMFERENCE	
	MIN. (in)	MAX. (in)	MIN. (in)	MAX. (in)
4"	4.74	4.86	14 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>4</sub>
6"	6.84	6.96	20 <sup>1</sup> / <sub>2</sub>	21 <sup>7</sup> / <sub>8</sub>
8"	8.99	9.11	28 <sup>3</sup> / <sub>4</sub>	28 <sup>5</sup> / <sub>8</sub>
10"	11.04	11.16	34 <sup>11</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>16</sub>
12"	13.14	13.26	41 <sup>3</sup> / <sub>16</sub>	41 <sup>11</sup> / <sub>16</sub>
16"	17.34	17.46	54 <sup>1</sup> / <sub>2</sub>	57 <sup>7</sup> / <sub>8</sub>

NOM. PIPE SIZE	½" GASKET (for std. cast/ductile pipe)			
	DIAMETER		CIRCUMFERENCE	
	MIN. (in)	MAX. (in)	MIN. (in)	MAX. (in)
4"	4.86	5.06	15 <sup>1</sup> / <sub>4</sub>	15 <sup>7</sup> / <sub>8</sub>
6"	6.96	7.16	21 <sup>7</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>2</sub>
8"	9.11	9.37	28 <sup>3</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>
10"	11.16	11.44	35 <sup>1</sup> / <sub>16</sub>	35 <sup>5</sup> / <sub>16</sub>
12"	13.26	13.53	41 <sup>11</sup> / <sub>16</sub>	42 <sup>1</sup> / <sub>2</sub>
16"	17.46	17.87	54 <sup>7</sup> / <sub>8</sub>	56 <sup>1</sup> / <sub>8</sub>

Ductile Iron MJ Tapping Sleeves are lighter and stronger than traditional cast iron sleeves and are used in conjunction with MJ Tapping Valves where a connection to an existing main is required.

### SHORT SPEC:

Tapping sleeves shall be ductile iron construction meeting ASTM A536 Grade 65-45-12. Side flange seals shall be of the o-ring type of either round, oval or rectangular cross-sectional shape. Sizes 12" and smaller must be capable of working on Class ABCD pipe diameters without changing either half of sleeve. Sizes 14" and larger must be specified as to which class is needed. All sleeves are to include the end joint accessories and split glands necessary to assemble sleeve to pipe. Sleeve shall be coated with asphaltic varnish in compliance with NSF-61.

## MJ Sleeves for Use with Asbestos Cement (A/C) Pipe

SLEEVE SIZE	PRODUCT NUMBER	SLEEVE SIZE	PRODUCT NUMBER
4" x 4"	39200	12" x 4"	40017
6" x 4"	39370	12" x 6"	39993
6" x 6"	39350	12" x 8"	39972
8" x 4"	39560	12" x 10"	39947
8" x 6"	39535	12" x 12"	39919
8" x 8"	39515	16" x 4"	—
10" x 4"	39768	16" x 6"	—
10" x 6"	39741	16" x 8"	—
10" x 8"	39718	16" x 10"	—
10" x 10"	39712	16" x 12"	—

NOM. PIPE SIZE	¾" GASKET (for class 200 AC)			
	DIAMETER		CIRCUMFERENCE	
	MIN. (in)	MAX. (in)	MIN. (in)	MAX. (in)
4"	4.97	5.30	15 <sup>5</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>
6"	7.05	7.29	22 <sup>1</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>
8"	9.22	9.54	29	30
10"	11.40	11.90	35 <sup>13</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>8</sub>
12"	13.90	14.25	43 <sup>11</sup> / <sub>16</sub>	44 <sup>3</sup> / <sub>4</sub>

NOM. PIPE SIZE	½" GASKET (for class 150 AC)			
	DIAMETER		CIRCUMFERENCE	
	MIN. (in)	MAX. (in)	MIN. (in)	MAX. (in)
4"	5.30	5.57	16 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>
6"	7.29	7.60	22 <sup>15</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>8</sub>
8"	9.54	9.77	30	30 <sup>5</sup> / <sub>8</sub>
10"	11.90	12.10	37 <sup>3</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>16</sub>
12"	14.25	14.50	44 <sup>3</sup> / <sub>4</sub>	45 <sup>5</sup> / <sub>16</sub>

**NOTE:** Tapping water mains under pressure is specialized work which is offered by Team E.J. Prescott's Service Department. See Section P – Service Work – for more information on services available.