

# Split Reinforcing Sleeves



## Style 110 Reinforcing Sleeve for Welded Joints

- Assure the safety of field joints by installing Style 110 reinforcing sleeves on welded joints at highway, river and railroad crossings, at overbends, at tie-ins, in marshy ground, near buildings and other places where special precautions are needed.
- Product lends itself to field welding, without preheating, using ordinary field welding procedures. All sleeves factory prepared with standard welding bevel, machine flame cut for uniformity and ease of welding, with drilled vent hole to preclude pressure build up between sleeve and pipe.
- Supplied in all sizes, lengths and thicknesses as shown in charts. Larger sizes and lengths available upon request. Please consult factory for your particular requirements.

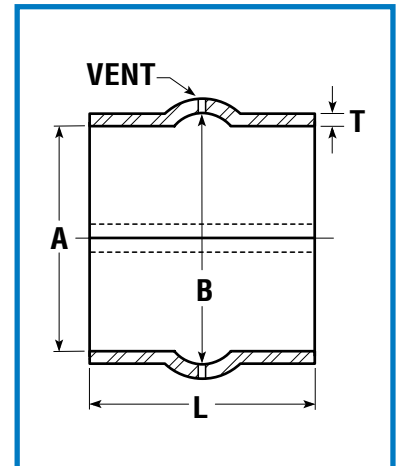


### Style 110 Reinforcing Sleeve Specifications

Nom. Pipe Size (in.)	Inside Diam. "A" & Pipe OD (in.)	Diam. "B" (in.)	Length "L" (in.)	Thick-ness "T" (in.)	Apprx. Ship Wt. (lbs.)
4	4-1/2	5-3/8	4	5/16	5-1/2
6	6-5/8	7-1/2	6	3/8	16-1/2
8	8-5/8	9-1/2	6	3/8	19
8	8-5/8	9-1/2	8	3/8	27
8	8-5/8	9-1/2	6	1/2	26
8	8-5/8	9-1/2	8	1/2	35
10	10-3/4	11-5/8	6	3/8	23
10	10-3/4	11-5/8	10	3/8	38
10	10-3/4	11-5/8	6	1/2	31
10	10-3/4	11-5/8	10	1/2	50
12	12-3/4	14-1/4	6	3/8	27
12	12-3/4	14-1/4	9	3/8	40-1/2
12	12-3/4	14-1/4	12	3/8	56
12	12-3/4	14-1/4	6	1/2	36
12	12-3/4	14-1/4	9	1/2	55
12	12-3/4	14-1/4	12	1/2	74
14	14	15-1/2	6	3/8	30
14	14	15-1/2	9	3/8	45
14	14	15-1/2	14	3/8	70
14	14	15-1/2	6	1/2	40
14	14	15-1/2	9	1/2	60
14	14	15-1/2	14	1/2	94
16	16	17-1/2	6	3/8	35
16	16	17-1/2	19	3/8	52
16	16	17-1/2	12	3/8	68
16	16	17-1/2	16	3/8	90
16	16	17-1/2	6	1/2	46
16	16	17-1/2	9	1/2	70
16	16	17-1/2	12	1/2	90
16	16	17-1/2	16	1/2	120
18	18	19-1/2	6	3/8	39
18	18	19-1/2	9	3/8	58
18	18	19-1/2	12	3/8	77
18	18	19-1/2	18	3/8	114
18	18	19-1/2	6	1/2	51
18	18	19-1/2	9	1/2	78
18	18	19-1/2	12	1/2	101
18	18	19-1/2	18	1/2	152
20	20	21-1/2	6	3/8	43
20	20	21-1/2	9	3/8	64
20	20	21-1/2	12	3/8	84
20	20	21-1/2	20	3/8	139
20	20	21-1/2	6	1/2	58

Nom. Pipe Size (in.)	Inside Diam. "A" & Pipe OD (in.)	Diam. "B" (in.)	Length "L" (in.)	Thick-ness "T" (in.)	Apprx. Ship Wt. (lbs.)
20	20	21-1/2	9	1/2	86
20	20	21-1/2	12	1/2	112
20	20	21-1/2	21	1/2	186
22	22	23-1/2	6	3/8	47
22	22	23-1/3	9	3/8	70
22	22	23-1/3	12	3/8	92
22	22	23-1/3	22	3/8	166
22	22	23-1/3	6	1/2	64
22	22	23-1/3	9	1/2	94
22	22	23-1/3	12	1/2	123
22	22	23-1/3	22	1/2	230
24	24	25-1/2	6	3/8	51
24	24	25-1/2	9	3/8	76
24	24	25-1/2	12	3/8	100
24	24	25-1/2	16	3/8	133
24	24	25-1/2	24	3/8	198
24	24	25-1/2	6	1/2	69
24	24	25-1/2	9	1/2	101
24	24	25-1/2	12	1/2	133
24	24	25-1/2	16	1/2	177
24	24	25-1/2	24	1/2	265
26	26	27-1/2	6	3/8	56
26	26	27-1/2	9	3/8	82
26	26	27-1/2	12	3/8	109
26	26	27-1/2	16	3/8	143
26	26	27-1/2	26	3/8	232
26	26	27-1/2	6	1/2	75
26	26	27-1/2	9	1/2	110
26	26	27-1/2	12	1/2	144
26	26	27-1/2	16	1/2	190
26	26	27-1/2	26	1/2	310
30	30	31-1/2	6	3/8	64
30	30	31-1/2	9	3/8	95
30	30	31-1/2	12	3/8	125
30	30	31-1/2	16	3/8	164
30	30	31-1/2	30	3/8	310
30	30	31-1/2	6	1/2	85
30	30	31-1/2	9	1/2	127
30	30	31-1/2	12	1/2	166
30	30	31-1/2	16	1/2	220
30	30	31-1/2	30	1/2	410

**NOTE:** Larger diameters, higher pressures and metric sizes may be furnished upon request. Please consult factory.



#### Materials of Construction

**Body:** High strength, low carbon steel meeting ASTM A572 GR 50/ ASTM A588

#### Style 110 Pressure Ratings

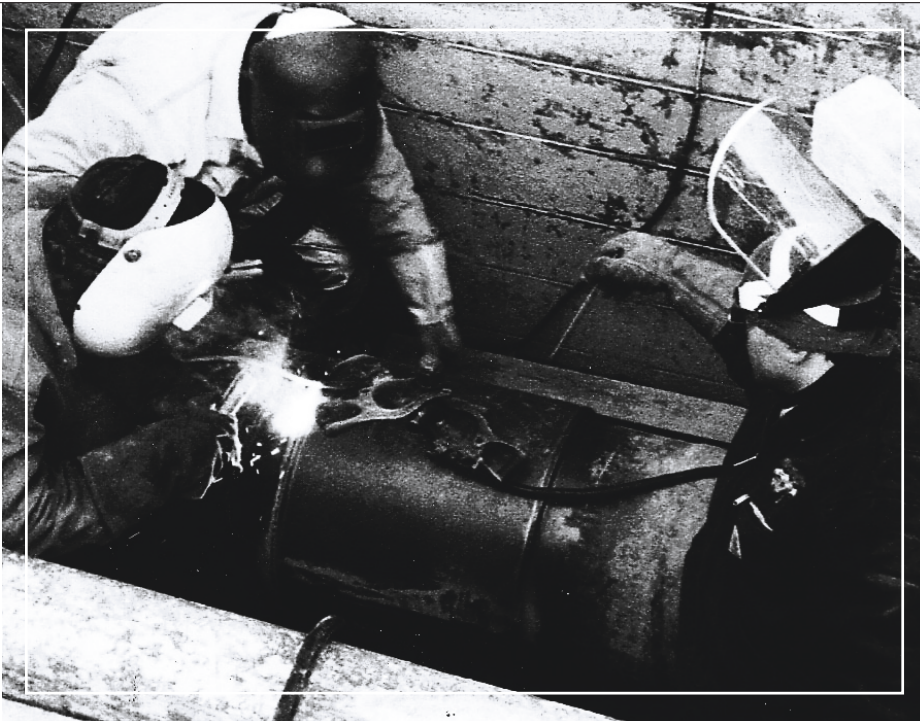
See chart on page 7

**Yield Strength**  
50,000 PSI Min.

**Temperature Ratings**  
-20° to +150°F

# Style 110 Reinforcing Sleeve Pressure Ratings

PRODUCT STYLE		PRESSURE RATING (MAXIMUM OPERATING PRESSURE)			
Style 110	Pipe Size (OD) x Wall Thickness	Class Location			
		Class 1	Class 2	Class 3	Class 4
<p><b>NOTE: Style 110</b> design pressure for class location has been determined using the formula shown in D.O.T. Regulation 192, Section 192.105, assuming an 80% joint factor for the longitudinal field weld.</p> <p>For Oil applications refer to Class 1 Ratings as per D.O.T. Regulation 195.</p>	4-1/2" O.D. x 5/16" Wall	3130 G	2605 G	2170 G	1735 G
	6-5/8" O.D. x 3/8" Wall	2615 G	2180 G	1815 G	1450 G
	8-5/8" O.D. x 3/8" Wall	2105 G	1755 G	1460 G	1170 G
	8-5/8" O.D. x 1/2" Wall	2740 G	2285 G	1900 G	1520 G
	10-3/4" O.D. x 3/8" Wall	1745 G	1450 G	1210 G	965 G
	10-3/4" O.D. x 1/2" Wall	2280 G	1900 G	1580 G	1265 G
	12-3/4" O.D. x 3/8" Wall	1440 G	1200 G	1000 G	800 G
	12-3/4" O.D. x 1/2" Wall	1885 G	1570 G	1310 G	1045 G
	14" O.D. x 3/8" Wall	1325 G	1105 G	920 G	735 G
	14" O.D. x 1/2" Wall	1745 G	1450 G	1210 G	965 G
	16" O.D. x 3/8" Wall	1180 G	985 G	820 G	655 G
	16" O.D. x 1/2" Wall	1555 G	1295 G	1080 G	860 G
	18" O.D. x 3/8" Wall	1065 G	885 G	740 G	590 G
	18" O.D. x 1/2" Wall	1400 G	1170 G	975 G	780 G
	20" O.D. x 3/8" Wall	970 G	805 G	670 G	535 G
	20" O.D. x 1/2" Wall	1275 G	1065 G	885 G	710 G
	22" O.D. x 3/8" Wall	890 G	740 G	615 G	490 G
	22" O.D. x 1/2" Wall	1175 G	975 G	815 G	650 G
	24" O.D. x 3/8" Wall	820 G	685 G	570 G	455 G
	24" O.D. x 1/2" Wall	1085 G	905 G	750 G	600 G
	26" O.D. x 3/8" Wall	760 G	635 G	530 G	420 G
	26" O.D. x 1/2" Wall	1010 G	840 G	700 G	560 G
	30" O.D. x 3/8" Wall	665 G	555 G	465 G	370 G



Where special precautions are needed, you can be "double-sure" of field joints by installing Dresser Style 110 and 115 reinforcing sleeves. Style 110 and 115 full-wrap sleeves are factory prepared with standard welding bevel and are machine flame cut for uniformity and ease of installation.

SUPPLIED BY:

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