



**MASON INDUSTRIES, Inc.**

Manufacturers of Vibration Control Products

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**SPLIT ACOUSTICAL  
 WALL SEALS  
 FOR PIPE**

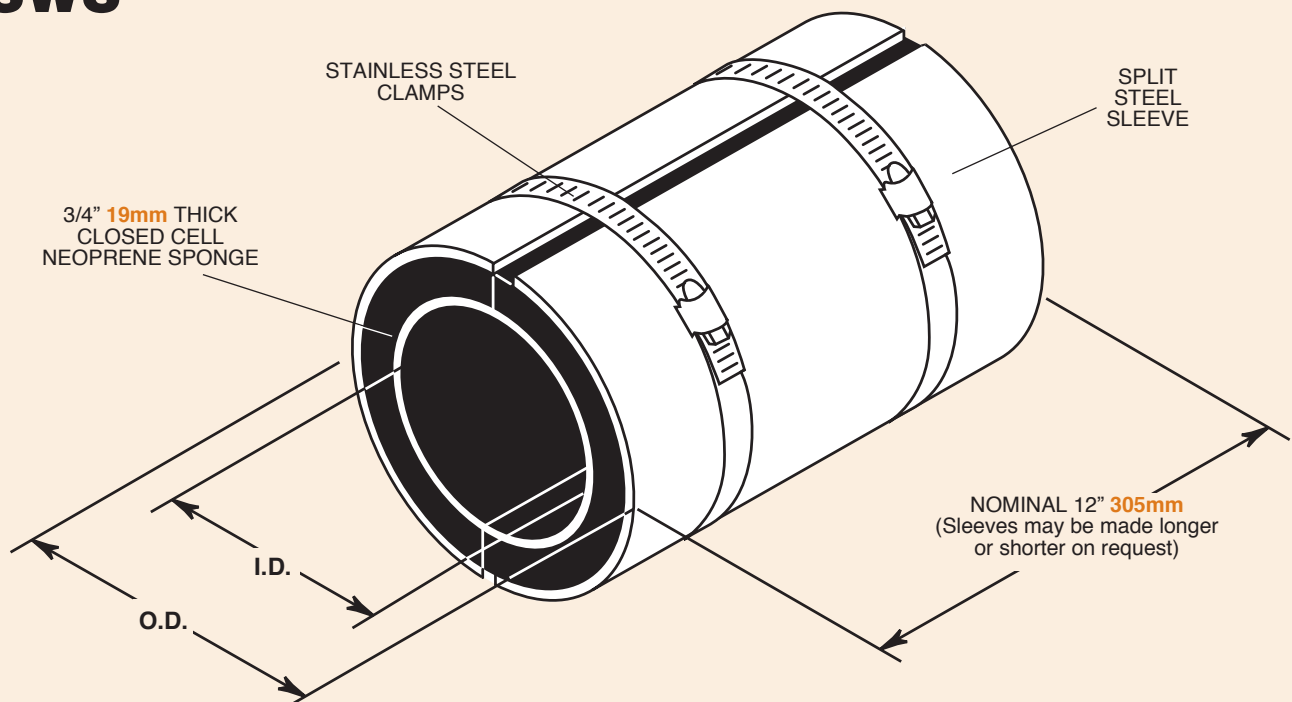
**SWS**

DATA SHEET DS-631A-3

The problem of establishing a sound seal around piping passing through walls has always been difficult. Normally a sleeve is left in the wall and the pipe passed through later. The periphery is eccentric, so fiberglass packing becomes makeshift and caulking

even more nebulous. Only a skilled, supervised worker can do the job properly. The SWS acoustical wall seal is a simple positive device that does an excellent job and presents a neat appearance. Installation is simple as described below.

**SWS**



**INSTALLATION PROCEDURE**

If pipe is in place before wall construction:

1. Clamp SWS in place around pipe.
2. Build or pour wall around SWS.
3. Pack concrete around SWS and caulk any cracks.

If hole is broken or left in wall:

1. Pass pipe thru opening.
2. Clamp SWS in place.
3. Pack concrete around SWS and caulk any cracks.

**TYPE SWS DIMENSIONS**

**Metric Dimensions**

SWS Size	Wall Seal Pipe Size (in)	Installed I.D. (in)	Outer Shell O.D. (in)	Wall Seal Pipe Size (mm)	Installed I.D. (mm)	Outer Shell O.D. (mm)
75	3/4	1	23/4	20	25	70
100	1	11/4	3	25	32	76
125	1 1/4	15/8	3 1/4	30	41	83
150	1 1/2	13/4	3 1/2	40	44	89
200	2	2 1/4	4	50	57	102
250	2 1/2	2 3/4	4 1/2	65	70	114
300	3	3 3/8	5 1/8	75	86	130
350	3 1/2	3 7/8	5 5/8	90	98	143
400	4	4 3/8	6 1/8	100	111	156
500	5	5 1/2	7 1/4	125	140	181
600	6	6 1/2	8 1/4	150	165	206
800	8	8 1/2	10 1/4	200	216	260
1000	10	10 5/8	12 3/8	250	270	314
1200	12	12 5/8	14 3/8	300	321	365
1400	14	13 7/8	15 5/8	350	352	397
1600	16	15 7/8	17 5/8	400	403	448
1800	18	17 7/8	19 5/8	450	454	498



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ACOUSTICAL CAULKING

PVC LOW DENSITY FOAM

# CC-75 & P7

DATA SHEET DS-56-1

## CC-75 ACOUSTICAL CAULKING

**Composition:** Synthetic Rubber.

**Consistency:** 290-310 ASTM-D-217 brass cone, 5 seconds, 150 grams to the moving load.

**Aging:** Achieves a firm but an elastic, rubbery set. Very slight tack after 52 days conditioning at 158°F. 70°C. (an established laboratory temperature to produce accelerated aging.)

**Accelerated Aging:** Firm but rubbery and elastic set, good to excellent adhesion, no significant change in characteristics after 266 hours in Weatherometer (equivalent to about 1.5 years of exterior exposure).

**Flexibility:** Samples were bent around a 1/4" 6mm mandrel in 180° arc without any cracking in the sealant. Samples were first conditioned by placing

round 1/8" 3mm beads on nonporous surfaces and aged 2 days at 75°F. 24°C., then subjected to 3 weeks at 75°F. 24°C.; 24 weeks at -40°F. -40°C., and 3 weeks at 158°F 70°C..

**Adhesion:** Metal to Concrete—Excellent; Gypsum to Metal—Excellent; Gypsum to Concrete—Excellent.

**Extension:** 150 to 200% (cured bead).

**Oil Migration:** Does not exude oil when applied between two metal panels bolted together allowing 1/16" 1.5mm seal and assembly conditioned for one week at 158°F. 70°C..

**Staining:** Non-staining when used as recommended.

**Gunnability:** Satisfactory at 5°F. -15°C. thru 3/8" 9mm nozzle.

## P7 PVC LOW DENSITY FOAM

Description: P7 PVC Low Density Foam is an economical general purpose foam. Low Density foam is used for applications requiring a seal for tight radius curves. Low density remains pliable at temperatures of -4°F -20°C to 172°F 78°C.

### PVC Foam – Physical Property Technical Data

Parameter	Test Method	Size/ Condition	Typical Values
Hardness "00"	ASTM D-2240		20 - 40 Duro
Force to Compress to 25 psi	ASTM D-1667	3/4" 20mm	0.5 - 3.5 lbs. 0.2 - 1.6 kgs.
Compression/ Deflection	ASTM D-1667		0.5 - 2.5 psi .03 - .17 kg/cm <sup>2</sup>
Water Absorption	ASTM D-1056		12% max
Tensile	ASTM D-412	DIE A	15 psi 1kg/cm <sup>2</sup> min
Elongation (%)	ASTM D-412	With adhesive Without adhesive	50% min 80% min
Flammability	MVSS 302		Self-Extinguishing
Density	ASTM D-1667	3/4" 20mm	5.5 - 8.5 lbs/cu ft 88 - 136 kg/cu m

3/4" 20mm  
Thickness

