



**HYDR-D**

**Hydra-Zorb® Cushion Clamp**

**SERVICE:** For use on uninsulated tube and pipe runs subject to damage from shock, movement and vibration, eliminating metal to metal contact. Entire clamp assembly can be assembled with a single hand or power wrench. Clamps should be spaced no more than 60 diameters apart or a maximum of 5 feet.

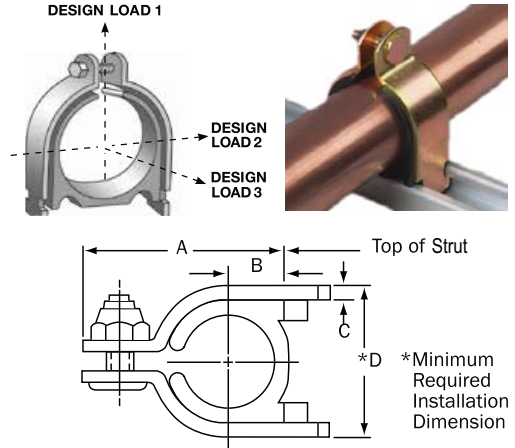
**MATERIAL:** Carbon Steel with a Dupont Hytel insert

**FINISH:** Zinc-Dichromate

**MAX TEMP:** 275°F

**APPROVALS:** UL (For air handling systems)

**ORDERING:** Specify figure number and tube size. Cushion clamps for pipe and other materials are available upon request.



CUSHION CLAMPS FOR TUBE											
PART #	OD TUBE SIZE	TUBE SIZE	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	MAX. REC. LOAD, LBS.			STD. PKG.	WEIGHT EACH, LBS.
							DESIGN LOAD 1	DESIGN LOAD 2	DESIGN LOAD 3		
100025	1/4	1/8	1.11	0.22	0.075	0.62	400	50	50	25	0.13
100037	3/8	1/4	1.24	0.28	0.075	0.75	400	50	50	25	0.14
100050	1/2	3/8	1.36	0.34	0.075	0.87	400	50	50	25	0.15
100062	5/8	1/2	1.50	0.41	0.075	1.00	400	50	50	25	0.16
100075	3/4	5/8	1.78	0.53	0.075	1.33	600	75	75	25	0.19
100087	7/8	3/4	1.91	0.58	0.075	1.45	600	75	75	25	0.21
100100	1	7/8	2.03	0.66	0.075	1.66	600	75	75	25	0.29
100112	1 1/8	1	2.16	0.72	0.075	1.79	600	75	75	20	0.31
100125	1 1/4	1 1/8	2.30	0.78	0.105	1.92	600	75	75	20	0.33
100137	1 3/8	1 1/4	2.75	0.91	0.119	2.22	600	75	75	20	0.42
100150	1 1/2	1 3/8	2.75	0.91	0.119	2.22	600	75	75	20	0.38
100162	1 5/8	1 1/2	3.03	1.03	0.119	2.47	600	75	75	20	0.48
100175	1 3/4	1 5/8	3.03	1.03	0.119	2.47	800	125	125	20	0.46
100187	1 7/8	1 3/4	3.28	1.16	0.119	2.47	800	125	125	20	0.52
100200	2	1 7/8	3.28	1.16	0.119	2.72	800	125	125	10	0.50
100212	2 1/8	2	3.53	1.28	0.119	2.97	800	125	125	10	0.57
100225	2 1/4	2 1/8	3.78	1.41	0.119	3.22	800	125	125	10	0.62
100237	2 3/8	2 1/4	3.78	1.41	0.119	3.22	800	125	125	10	0.66
100251	2 1/2	2 3/8	4.03	1.53	0.119	3.47	800	125	125	5	0.60
100262	2 5/8	2 1/2	4.03	1.53	0.119	3.47	800	125	125	5	0.58
100300	3	2 7/8	4.52	1.78	0.119	3.97	800	125	125	5	0.69
100312	3 1/8	3	4.52	1.78	0.119	3.97	800	125	125	5	0.68
100362	3 5/8	3 1/2	5.03	2.03	0.119	4.47	1000	200	150	5	0.76
100412	4 1/8	4	5.66	2.34	0.119	5.09	1000	200	150	5	0.88

CUSHION CLAMPS FOR PIPE										
PART #	PIPE SIZE	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	MAX. REC. LOAD, LBS.			STD. PKG.	WEIGHT EACH, LBS.
						DESIGN LOAD 1	DESIGN LOAD 2	DESIGN LOAD 3		
200050	1/2	1.91	0.59	0.075	1.45	600	75	75	25	0.21
200075	3/4	2.16	0.72	0.075	1.79	600	75	75	20	0.31
200100	1	2.75	0.91	0.119	2.22	600	75	75	20	0.43
200125	1 1/4	3.03	1.03	0.119	2.47	800	125	125	20	0.48
200150	1 1/2	3.28	1.16	0.119	2.47	800	125	125	20	0.52
200200	2	3.78	1.41	0.119	3.22	800	125	125	10	0.61
200250	2 1/2	4.27	1.66	0.119	3.72	800	125	125	5	0.62
200300	3	4.91	1.97	0.119	4.36	1000	200	150	5	0.72
200350	3 1/2	5.53	2.28	0.119	4.97	1000	200	150	5	0.88
200400	4	6.03	2.53	0.119	5.47	1000	200	150	5	0.95