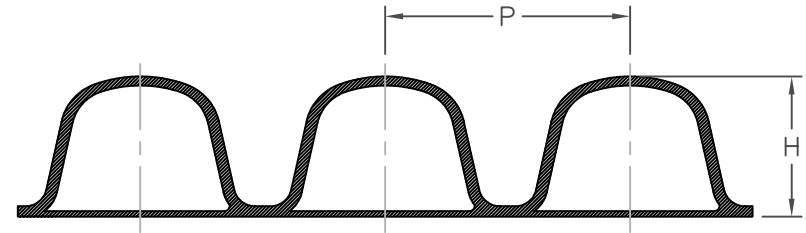



N-12 PROFILES

PIPE SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	PITCH, P	CORRUGATION HEIGHT, H
4 in (100 mm)	4.10 in (104 mm)	4.78 in (121 mm)	0.66 in (17 mm)	0.34 in (9 mm)
6 in (150 mm)	6.00 in (152 mm)	6.92 in (176 mm)	0.77 in (20 mm)	0.46 in (12 mm)
8 in (200 mm)	7.90 in (201 mm)	9.11 in (231 mm)	0.96 in (24 mm)	0.61 in (15 mm)
10 in (250 mm)	9.90 in (251 mm)	11.36 in (289 mm)	1.26 in (32 mm)	0.73 in (19 mm)
12 in (300 mm)	12.15 in (309 mm)	14.45 in (367 mm)	1.92 in (49 mm)	1.15 in (29 mm)
15 in (375 mm)	14.98 in (380 mm)	17.57 in (446 mm)	2.59 in (66 mm)	1.30 in (33 mm)
18 in (450 mm)	18.07 in (459 mm)	21.20 in (538 mm)	2.68 in (68 mm)	1.57 in (40 mm)
24 in (600 mm)	24.08 in (612 mm)	27.80 in (706 mm)	3.15 in * (80 mm)	1.86 in (47 mm)
30 in (750 mm)	30.00 in (762 mm)	35.10 in (892 mm)	4.12 in (105 mm)	2.55 in (65 mm)
36 in (900 mm)	36.00 in (914 mm)	41.70 in (1059 mm)	5.25 in (133 mm)	2.85 in (72 mm)
42 in (1050 mm)	41.40 in (1052 mm)	47.70 in (1212 mm)	5.19 in (132 mm)	3.15 in (80 mm)
48 in (1200 mm)	47.60 in (1209 mm)	53.60 in (1361 mm)	5.25 in (133 mm)	3.00 in (76 mm)
60 in (1500 mm)	59.50 in (1511 mm)	66.30 in (1684 mm)	6.00 in (152 mm)	3.40 in (86 mm)



* NOMINAL PITCH DIMENSION NOT APPLICABLE TO PIPE PRODUCED AT THE MADERA PLANT

NOTE: ALL DIMENSIONS ARE NOMINAL

			REVISIONS		
			BY	DATE	
DRAWN BY AWM	10.07.02	APPROVED BY AWM	10.07.02	DRAWING # 6075	