

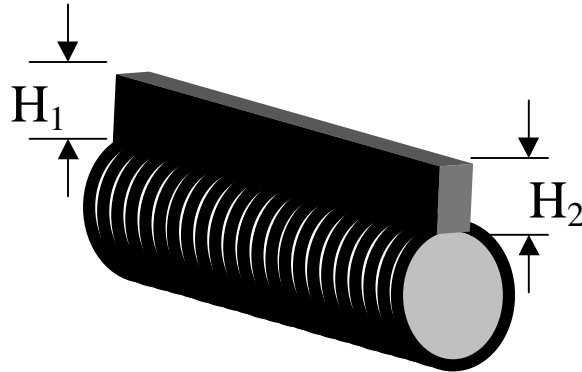
DURASLOT® With Variable Height Slot

DURASLOT® with a Variable Height Slot is available to provide slope in the pipe invert when grade is level. Standard 1/2 % slope is readily available; other slopes can be made by special order.

Information and Design Guidelines

- Lengths remain at 10' 0" with change in slot height of 5/8" per length. This is a nominal 1/2% slope (actual slope is .52%).
- Maximum slot height should not exceed 1.5 times the pipe diameter before consulting the manufacturer.
- On the following drawing and table, H₁ and H₂ are nominal slot heights. These are minimums from corrugation center to grade.
- Light traffic applications can start with V1.
- Moderate traffic applications can start with V4.
- Heavy traffic applications can start with V7.
- A second spacer (on 6" centers) is utilized within the slot when H₁ reaches 8 3/4" (from V11 and up).
- Bands are made so that their band angles meet grade at each joint - i.e., the band between V9 and V10 would have 8 1/8" high band angles so that a continuous slot is maintained at the surface.
- A second thumbscrew is added when the band angle height reaches 8 3/4". A third thumbscrew is added when the height reaches 15".

DURASLOT® Variable Height Slot Table



DURASLOT Number	H ₁	H ₂	DURASLOT Number	H ₁	H ₂
(Dia.) * - V1	2 1/2	3 1/8	(Dia.) * - V15	11 1/4	11 7/8
- V2	3 1/8	3 3/4	- V16	11 7/8	12 1/2
- V3	3 3/4	4 3/8	- V17	12 1/2	13 1/8
- V4	4 3/8	5	- V18	13 1/8	13 3/4
- V5	5	5 5/8	- V19	13 3/4	14 3/8
- V6	5 5/8	6 1/4	- V20	14 3/8	15
- V7	6 1/4	6 7/8	- V21	15	15 5/8
- V8	6 7/8	7 1/2	- V22	15 5/8	16 1/4
- V9	7 1/2	8 1/8	- V23	16 1/4	16 7/8
- V10	8 1/8	8 3/4	- V24	16 7/8	17 1/2
- V11	8 3/4	9 3/8	- V25	17 1/2	18 1/8
- V12	9 3/8	10	- V26	18 1/8	18 3/4
- V13	10	10 5/8	- V27	18 3/4	19 3/8
- V14	10 5/8	11 1/4	- V28	19 3/8	20

* Each piece will have a 3 or 4 digit number starting with pipe diameter.

Ex: The first piece in a line of 8" variable height slot = 8 - V1
 The fourth piece in a line of 12" variable height slot = 12 - V4