

## GRAVELLESS TRENCH COMPONENTS

Gravelless Drainfield Systems	Chambers, Bundled or Large Dia. Pipe	Model	Sizing Factor	Rating (ft <sup>2</sup> /ft)	Unit Dimensions (W" x L" x H")	Cert. Date
Advanced Drainage Systems <sup>1</sup> / Bio-Diffuser Chambers <sup>1</sup> / Hancor <sup>1</sup>	Chamber	Arc 36	25%	4.00	34.5" x 60" x 13"	01-06
		Standard 1100BD	25%	4.00	34" x 76" x 11"	12-92
		High Capacity 1400BD	25%	4.00	34" x 76" x 14"	12-92
	Lg. Dia. Pipe	SB-2 (Ø8")	25%	1.33	20' rolls	9-82
		SB-2 (Ø10")	25%	1.33	20' rolls	
Infiltrator Chamber Leachfield Systems	Chamber	Quick 4 Standard	25%	4.00	34" x 48" x 12"	7-05
		Quick 4 Equalizer 36	25%	2.67	22.8" x 48" x 10"	7-05
Multi_Pipe Rock Replacement Distribution System	Bundled Pipe	9-pipe system	25%	1.33	10' lengths	05/98
		11-pipe system	25%	1.33	10' lengths	05/98
		13-pipe system	25%	1.33	10' lengths	05/98
Prinsco, Inc.	Lg. Dia. Pipe	Goldline GLP (Ø8")	25%	1.33	10' & 20' lengths	12-95
		Goldline GLP (Ø10")	25%	1.33	10' & 20' lengths	
Ring Industrial Group (EZ Flow)	EPS Pipe	1201P* & 1201P-Geo <sup>*2</sup>	25%	1.33	10' lengths	02/04
		1202H** & 1202H-Geo <sup>**2</sup>	25%	2.67	10' lengths	02/04
		1203H*** 1203H-Geo <sup>***2</sup>	25%	4.00	10' lengths	10/07

\*: in one (1') foot wide trench.

\*\*.: in two (2') foot wide trench.

\*\*\*.: in three (3') foot wide trench.

1: Advanced Drainage Systems is now the parent company for both Hancor and Bio-Diffuser. Product markings may change to reflect new ownership.

2: "-Geo" suffix indicates product contains geotextile fabric inside the mesh. Geotextile should be oriented on top to limit soil intrusion. Product must still be covered to prevent soil intrusion per Rule (IDAPA 58.01.03.008.07).

### Trench & Product Width to Rating Correlation Table

The measured width of the product must be at least 90% of the design trench width.

Trench Width	Product Measured Width must be at least:	Rating = Design Trench Width divided by 0.75
36" (3.0')	32.4"	4.00 ft <sup>2</sup> /lineal foot
30" (2.5')	27.0"	3.33 ft <sup>2</sup> /lineal foot
24" (2.0')	21.6"	2.67 ft <sup>2</sup> /lineal foot
18" (1.5')	16.2"	2.00 ft <sup>2</sup> /lineal foot
12" (1.0')	10.8"	1.33 ft <sup>2</sup> /lineal foot