



PipeSak® Pipeline Products

Technical Notes

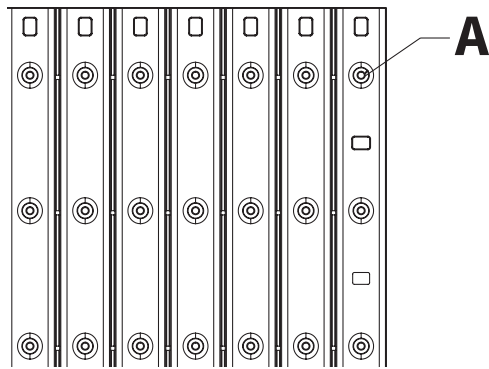
# PipeDefender™ CP Compatibility



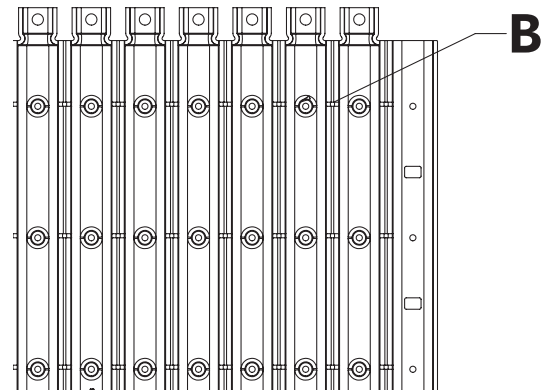
The PipeDefender design incorporates multi-channel drainage, allowing ground water an easy path to and away from the pipe coating. The excellent drainage capabilities of PipeDefender ensures that ground water is not held against the pipeline for extended periods of time. Third party testing through corrosion experts has proven that PipeDefender does not shield cathodic protection beyond normal variations in soil resistivity seen in pipeline construction.

PipeDefender® Features	Total Number	Drainage Area in <sup>2</sup> (mm <sup>2</sup> )	Length Spacing in (mm)	Width Spacing in (mm)
Top Drainage Holes (A)	78	0.11 (70.97)	8 (203.2)	3.26 (82.8)
Longitudinal Slots (B)	72	0.1875 (120.96)	8 (203.2)	3.26 (82.8)
Material Composition	NA	NA	NA	NA

Note: High molecular weight polyethylene. MSDS available.



Front panel



Back panel

The spacing of the top holes were carefully designed and chosen to ensure overall impact strength is maintained while maximizing ground water drainage for cathodic protection systems. Longitudinal slots along the underside of PipeDefender further allows ground water an opportunity to drain away from the pipe.

