

Certificate of Test

Client: DuraPlas, Inc.
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Project Manager: Jason Bryan, PE
Date of Testing: 8 July 2026

Project/Test Description: 24" TuffStand – Compression load test to failure
Test Conditions: Flat surface, longitudinal dunnage, or transverse dunnage

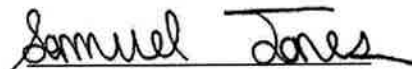
Test Sample Identification: DuraPlas, Inc. 24" TuffStand
Quantity: 10 samples
Material: Chevron Phillips Marlex 9006 HDPE Injection Molding Resin

Test Equipment: Load Cell, 100 kip [S/N: 3080] Computerized Data Acquisition System
SES Vertical Load Frame String Potentiometers

Procedure: A compressive load was applied to the pipe support sample through a client-provided 24" half-pipe fixture with the samples on a flat surface, with longitudinal dunnage, or with transverse dunnage until failure. All testing was performed at an ambient temperature between 60 °F – 70 °F.

Results: Flat surface, Six Samples – Peak Load: 52,126 lbf (Average) / 522 lbf (Std. Dev)
Longitudinal Dunnage, Two Samples – Peak Load: 30,274 lbf and 29,137 lbf
Transverse Dunnage, Two Samples – Peak Load: 27,085 lbf and 26,312 lbf

Prepared by:



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