

Quality by Integrity and Knowledge

## Report of Load Testing on Pipe Plugs

**Tested For:** Taylor Made Plastics  
203 South Manatee Avenue  
Arcadia, FL 34266  
Attn: Bob Taylor

Lab No. 990209

**Date:** March 4, 1999

Work Order 99-9110

On February 9, 1999, the NDT Group's Physical Testing Department received the following material to perform load testing on pipe plugs as outlined.

1. 2, 48" diameter pipe plugs, one (1) foam filled
2. 2, 36" diameter pipe plugs, one (1) foam filled
3. 2, 24" diameter pipe plugs, one (1) foam filled
4. 2, 15" diameter pipe plugs, one (1) foam filled
5. 2 pieces of 48" diameter corrugated plastic pipe
6. 2 pieces of 36" diameter corrugated plastic pipe
7. 2 pieces of 24" diameter corrugated plastic pipe
7. 2 pieces of 15" diameter corrugated plastic pipe

We were requested to perform a vertical load test and a vertical/horizontal load test on each of the above pipe plugs.

Following are the results.

### Vertical Load Test

For the testing, a 12" length of pipe for the 15" to 36" diameter plugs was cut and a 30" length was prepared for the 48" diameter plug. A loading device for each size was made to load around the handle and not at the edge (2" from the edge for the 15" diameter; 6" from the edge for the 24"; 12" from the edge for the 36" diameter; and 24" for the 48" diameter).

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