



## American Polywater's Pull-Planner™ 3000 Software

The Pull-Planner™ 3000 For Windows™ calculates cable pulling tension and sidewall pressure using the pulling equations. Tension estimates are useful in designing conduit systems and planning cable pulls. Such planning can save time and money by minimizing splices, vaults, pulling setups, etc., while ensuring installation tensions that won't damage cable.

### New Features

- Calculate and recalculate tensions and sidewall pressures automatically during easy changes of friction coefficient, cable data, incoming tension, or pull direction. Cable, conduit, and friction data have been updated to include new LSZH jackets and HDPE conduit.
- Establish a custom cable data file (up to 100 cables) with your common cables by name, type, weight, and OD. These standard cables are available for quick data entry. Longer cable descriptions are now accepted.
- Print pull details and calculation results to a Windows™ printer or paste the data into other Windows™ programs. New links to application, product and other reference literature.
- Determine “maximum” allowable cable tension and/or sidewall pressure and “flag” calculations when maximum tension is surpassed. Separate straight sections from bends and vary the coefficient of friction by segment for different conduits, cable tray, and bends. Add a pushing force for push/pull calculations.
- Add, subtract, change, or insert conduit segments in a pull for analysis. Direct click on the data cell to change segment data. New graphics have been added to assist in bend selection.
- Back calculate an effective friction coefficient from field measured tensions – useful for additional calculations in similar environments. New large radius bend calculations are used for HDD conduit installations or other large radius sweeps.

### Ordering information

Call 1-800-328-9384 or visit [www.polywater.com/order.asp](http://www.polywater.com/order.asp) to place your order. The Pull-Planner™ 3000 For Windows™ runs on numerous Windows™ operating systems. \$129.00 Retail. \$59.00 Upgrade.

Pull Planner™ Preview Page: [www.polywater.com/preview.html](http://www.polywater.com/preview.html)

Technical Article: [www.polywater.com/3000tech.html](http://www.polywater.com/3000tech.html)

Special offer: [www.polywater.com/pp3koffr.html](http://www.polywater.com/pp3koffr.html)

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American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy. American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

Makers of Polywater® and Dyna-Blue® Cable Lubricants and Bonduit® Conduit Adhesive

American  
**Polywater**  
Corporation

P.O. Box 53  
Stillwater, MN 55082  
U.S.A

1-800-328-9384  
[www.polywater.com](http://www.polywater.com) (URL) 1-651-430-2270  
[custserv@polywater.com](mailto:custserv@polywater.com) fax 1-651-430-3634