



American Polywater's

Pull-PlannerTM 2000

For WindowsTM

**A WindowsTM Version of the Well-Known Pull-PlannerTM 2000 Program
For Cable Pulling Tension Calculation and Conduit System Design**



DESCRIPTION

The Pull-PlannerTM 2000 For WindowsTM calculates cable pulling tension and sidewall pressure around bends 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.

Pull-PlannerTM 2000 For WindowsTM follows the proven approach of the earlier DOS version and approaches a pull in "segments." Each segment normally consists of a straight section followed by a bend. On-screen "HELP" menus throughout the program explain data entry and terminology. If you are familiar with cable and conduit terminology, very little training is required to run the program.

The Pull-PlannerTM 2000 For WindowsTM comes on a single CD. It will run on 16 or 32 bit WindowsTM systems. Total installation will consume 4 to 7 megabytes of hard drive space.
Downloadable upon request.

FEATURES AND PERFORMANCE

- Calculate and recalculate tensions and sidewall pressures automatically during easy changes of friction coefficient, incoming tension, or pull direction.
- Establish a custom cable data file (up to 100 cables) with your common cables by name, weight, and OD. Just click on these standards for quick data entry.
- Print pull details and calculation results to Windows™ printer, or copy and paste data through the clipboard to other Windows™ programs.
- Determine "maximum" allowable pulling tension and/or sidewall pressure and "flag" screen or printer output when maximum tension is surpassed.
- Determine conduit fill, cable configuration, and jam ratio for any combination of wires and cables in a pull.
- Add, subtract, change, or insert conduit segments in a pull for analysis. Change segment data by directly clicking on the data cell.
- Save all details of a pull (cables and conduit design) to disk for future recall.
- Change cable data without re-entering conduit system details. Allows quick recalculations in the same duct bank.
- Calculate the quantity of Polywater® Lubricant needed for the pull.
- Use built-in friction coefficient database that includes a broad range of common cable jackets, conduits, and pulling lubricants.
- Use "dual" friction coefficients if desired, one at high and one at low sidewall bearing pressure, plus establish a sidewall pressure for the transition.
- Back-calculate an effective friction coefficient from field-measured tensions -- useful for additional calculations in similar environments.

ORDERING INFORMATION

Price: \$99.00. Call 1-800-328-9384 to order. Visa, Master Card, or AMEX accepted.

**FOR MORE INFORMATION ON AMERICAN POLYWATER PRODUCTS,
ACCESS OUR WEBSITE AT www.polywater.com.**

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Important Notice: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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.

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