



FRONT END PACK™

Cable Lubricating System



POLYWATER® Front End Packs™ lubricate ahead of the cable during the pull. They eliminate the need for hand lubrication in many pulls. Proper Front End Pack™ use lubricates far down the conduit where normal lubrication is inadequate.

Sizes

Two different sizes; a 1-quart pack (J-27/J-99) and a 1/2-gallon pack (J-55/J-110) are available.

The 1-quart pack is 1¾" in diameter by 24" long and is used in 2" and 3" conduit.

The ½-gallon pack is 3" in diameter by 14" long and is used in 3½" and larger conduit.

Ordering Information

| Part # | Winter-Grade Part # | Pack Size | Units per Package/Container |
|--------|---------------------|------------------|-----------------------------|
| J-27 | WJ-27 | 1-Qt Pack (Bag) | 12 Packs in a Carton |
| J-99 | WJ-99 | 1-Qt Pack (Bag) | 16 Packs in a 5-Gal Pail |
| J-55 | WJ-55 | ½-Gal Pack (Bag) | 6 Packs in a Carton |
| J-110 | WJ-110 | ½-Gal Pack (Bag) | 10 Packs in a 5-Gal Pail |

Quantity Formula

When only Front End Packs™ are used for a pull, the number of packs recommended for a pull is:

$$N = 0.003 \times T \times L \times D$$

N = Number of packs required

T = (1) for J-55/J-110 packs or (2) for J-27/J-99 packs

L = Length of pull in feet

D = Nominal I.D. of conduit in inches

The quantity appropriate for a difficult pull may be up to +50% above this average, depending on conduit fill, conduit type and condition, number of bends, and pulling environment.

Optional Use Method:

For horizontal runs with HIGH conduit fill:

- (1) Cut the end off the pack behind the metal clip
- (2) Slide the pack into the conduit (open end first) in front of the cable
- (3) Cut the back end wide open
- (4) Repeat with as many packs as needed
- (5) Start the pull. The advancing cable will push the packs through the conduit.

Front End Packs™ may be used for direct lubrication by poking a hole in the pack and squeezing lubricant directly onto the moving cable.

For long, difficult pulls, Front End Packs™ should be supplemented with direct lubrication on the middle portion of the cable.

Instructions for Use:

Visit American Polywater's website which features:

GENERAL INFORMATION (www.polywater.com/lubeinfo.asp)

WRITTEN INSTRUCTIONS (www.polywater.com/Frontend.html)

STREAMING VIDEO (www.polywater.com/MultiMedia/FEPVideo.asp)

NARRATED SLIDE SHOW (www.polywater.com/MultiMedia/FEPsId1.asp)

Also available:

LUBRICATION APPLICATION VIDEO (www.polywater.com/videocav.html)

free on-line viewing or available in CD and VHS format.

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