

Channel System Installation Instructions

RELINER® Installation Instructions

RELINER® /Duran Inc. U.S. Patents # 5,553,973 & 6,074,130 Canadian Patents # 2,176,074 & 2,269,565 1/04

1. Remove the existing brick and mortar invert in the flume path.
2. Lay out and align the flume parts.
3. Trim pipe extensions to fit the existing pipes.
4. Drill 4 holes in each flange for the 1/4" stainless steel bolts (supplied).
5. Bolt RELINER parts together
6. Locate a long style inflatable line plug in each line (inlets and outlet) so that the plug is 1/2 in host pipe and 1/2 in RELINER pipe. (Use by-pass plugs for high flow conditions.) OR Locate channels using split pipe technique (see page 2)
7. Inflate line plugs and brace entire assembly to prevent flotation.
8. Backfill with concrete
9. When concrete cures, remove plugs.

EQUIPMENT SUGGESTED FOR RELINER® INSTALLATION

Cut off saw, 4-1/2" angle grinder or air-powered muffler cut off tool

Drill with bits (9/32 recommended)

Vise grips (2 minimum)

Tape measure

Line plugs same diameters as in structures OR see page 2

Lengths of PVC pipe (2-3 feet) same diameters as in structures

Duct tape

Hydraulic cement (quick setting)

Wrenches 7/16

Magic marker (permanent)

Concrete mix – approx. 1/2 yard

5 gallon pails

Steel trowels

Jack-hammer 90#

Mason's hammer

Chisel

Rope

Shovel

RELINER® is manufactured by

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