

# GUIDED SIDE BEND TESTER

Ductility Testing for 1" through 7" pipe walls



Guided Side Bend Tester Package

## OVERVIEW

McElroy's Guided Side Bend Tester performs a qualitative test of a fusion joint by destructively testing a coupon. The quality assurance device tests the ductility of polyethylene pipe fusion joints in a safe, quick manner. "Bend back" tests have been performed in the field for years. This testing method places the entire wall thickness into tension and gives assurance of the ductility of joints.

Now, operators can perform the test safely with the use of a hydraulically powered device that put three points of pressure on test coupons. If no gaps or breaks are present in the fusion joint after the test, the result is a passing grade. The Guided Side Bend Tester is lightweight, and requires the operator to supply a planer, calipers and saw to complete the testing procedure.

## FEATURES

- Qualitative testing of the ductility of a joint
- Faster, easier and safer than traditional bend tests
- Can test coupons from up to 7-inch-thick pipe walls
- Field suitable
- Lightweight
- Two-speed hydraulic hand-pump system powers coupon test

## SPECIFICATIONS

### CAPACITY

Tests Pipe Sizes: ..... 1" to 7" pipe walls

Maximum Test Coupon Thickness: ..... 1/2"

Mandrel Diameter: ..... 1"

### MODELS

S505501: ..... Includes testing unit and hydraulic hand-pump

### WEIGHT

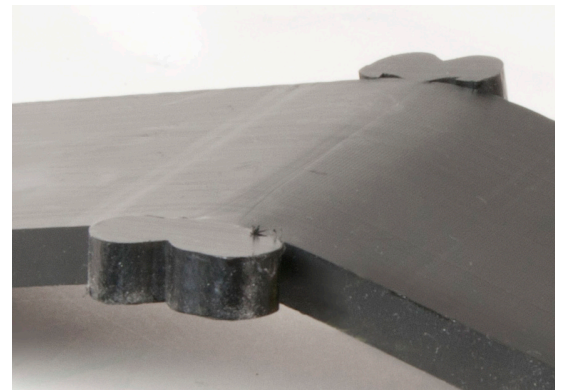
Guided Side Bend Tester (Testing Unit, hydraulic pump and hose): ..... 31 lbs. (14.1 Kg)

### INCLUSIONS

Specifications subject to change without notice.



Testing Device



Passing Grade Coupon

**McELROY**  
www.mcelroy.com