

ALUMINUM TEST BLOCK



MX3501

GENERAL DESCRIPTION

MX Industrial Aluminum Test Block is an aluminum test piece measuring 3" x 2" x 3/8" with a 1/8" wide groove that splits the face in half. The test block is used to check the strength of "in-use" penetrants. This is done by processing one half of the block with "in use" penetrant and the other half with "fresh" penetrant.

INSTRUCTIONS

Thoroughly clean, dry and check the test block with a black light. Apply "in use" penetrant from the system to one side of the test block and unused sample penetrant to the other. Both should look the same in brightness and sensitivity. If the brightness and sensitivity of the "in use" penetrant is noticeably less than the reference penetrant, the "in use" penetrant is unsatisfactory for use.

SPECIFICATIONS COMPLIANCE

ASTM E1417/E1417M-13 (Sections 7.8.3.3 & 7.8.3.4)

AMS 2647D (Section 4.2.4)

BPVC (Section V, Article 6: III-630)