



Test Panel ASME V

Art.No. 127.100.000
 Art.No. 127.100.001 – certificate without photo
 Art.No. 127.100.002 – certificate with photo

The ASME V panel is used for testing of the penetrants indication sensitivity. Due to the division of the test panel into two parts it is possible to compare two different penetrants.

The test panel is an aluminum block of 80 x 50 x 10 mm divided by a notch (50 x 2 x 1.5 mm) into two parts. Because of a special thermal treatment the panel surface crack pattern is produced, which is different on the front and rear side of the test panel.



Test Panels WTP-1 and WTP-2

Art.No. 127.700.001 - WTP - 1
 Art.No. 127.700.002 - WTP - 2

The test panels are designed to evaluate the removability of fluorescent penetrants according to the requirements of AMS 2644C.

WTP-1 is a stainless steel 4x6 inches panel with two parallel "medium rough" strips, each 6 x 1.5 inches, separated by a smooth 1 inch strip.

WTP-2 is a set of two equal 1.5 x 2 inches panels produced from a single sheet and is also used for assessment of fluorescent penetrants removability.



Test Panel NR-5 (TAM 146040)

Art.No. 127.800.010 – NR-5 with certificate of conformity
 Art.No. 127.800.009 – NR-5 with acceptance test certificate and certificate of conformity
 Art.No. 127.800.011 – NR-5 recalibration
 Art.No. 127.800.003 – PSM-5 recalibration

NR-5 is a rectangular 4 x 6 inch (102 x 153 mm) panel made of stainless steel. The chromium-plated strip on the left side contains 5 star-shaped crack patterns which are arranged according to their sizes. The crack pattern is different between the panels. The right half is sandblasted and used to evaluate the penetrant removability.

Each NR-5 panel has to be used in only one penetrant line with only one kind of penetrant. The NR-5 test panel is used for testing the penetrant process in whole during human or automatic (semiautomatic) processing according to Pratt & Whitney Aircraft TAM 146040. This panel also meets the requirements of General Electric Specification P3TF2, § 5.4.1&10.1, as well as ASTM E1417 § 7.8.3.1, MIL-STD-6866 § 5.8.3, 33B-11, NAVAIR 01-1A-16 und TM43-0103.

The NR-5 test panel is equivalent to the PSM-5 panel.



UTE-3 Inspectability Scale & Visual Comparator

Art.No. 127.850.000

The INSPECTABILITY SCALE is used under UV (black) light to determine if fluorescent brightness at the test surface is adequate and in proper contrast to ambient white light. It also can disclose whether the operator can see the size indication he is seeking.

The VISUAL COMPARATOR consists of sentences printed in Jaeger 1 and Jaeger 2 print sizes. The operator's ability to read the appropriate sentence (J1 or J2 as required by the applicable specification) at the test surface, determines his visual ability under the test lightning conditions.

