

PERFORMANCE TEST CERTIFICATE for MAFs Testing

Date: August 27, 2024
Certificate No. KR-5000-50031507-1/1_Rev.1
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Applicant / Manufacturer : BMT Co., Ltd.
17 Sinsoljaesandan 2-ro, Jangan-eup, Gijang-gun, Busan,
46031 Republic of Korea

Date and place of test : June 04, 2021 ~ February 23, 2022
at the manufactured premises in Yangsan-si, Republic of Korea and
at Southwest Research Institute 6220 Culebra Road San Antonio, TX
78228 USA

Product description : Superlok Tube Fitting (including i-Fitting®)
- Size: 1/4", 3/8", 1/2", 3/4", 1"
- Type: Grip (Type IV) type MAF (Separable) as per Clause 4.1.4
of ASTM F1387-19
- Material Grade : B (Stainless Steel 316/316L) as per Clause 4.2.2
of ASTM F1387-19

Compliance Test standard : ASTM F1387-19

F1387 Test ID	Test Description	Number of Sample tested per Size	Reference Standard	Inspection	Test Report
A2	Examination of Specimen	53		Witnessed or Reviewed	BMT-TR-220304-01
A3	Pneumatic Proof test	53		Witnessed or Reviewed	BMT-TR-220304-01
A4	Hydrostatic Proof Test	53		Witnessed or Reviewed	BMT-TR-220304-01
A5	Impulse Test	6		Witnessed	BMT-TR-220304-01
A6	Flexure Fatigue Test	6		Witnessed	BMT-TR-220304-01
A7	Tensile Test	6		Witnessed	BMT-TR-220304-01
A8	Hydrostatic Burst Test	4		Witnessed	BMT-TR-220304-01
A9	Repeated Assembly Test	6		Witnessed	BMT-TR-220304-01
A10	Rotary Flex Test	6	SAE MA 2003	Witnessed	BMT-TR-220304-01
S2	Thermal Cycling Test	10	MIL-STD-777	Reviewed	SwRI 18-26649
S6	High Impact Shock Test	5	MIL-DTL-901	Reviewed	SwRI 18-26649
S7	Fire Test	5	ASTM E1529	Reviewed	SwRI 18-26649
S8	Vibration Test	5	MIL-STD-167-1	Reviewed	SwRI 18-26649

We hereby certify that the Superlok tube fitting (including i-Fitting®) satisfactorily met the standard and supplementary performance requirements as per ASTM F1387-19.

