

MITT-SERIES ISOLATION & TEST TOOLS

ULTIMATE VERSATILITY IN PIPING ISOLATION & PRESSURE TESTING



ENERPAC 

▼ Shown: MITT6A, MITT16A, MITT2A, MITT1A



Ultimate Versatility in Piping Isolation and Pressure Testing



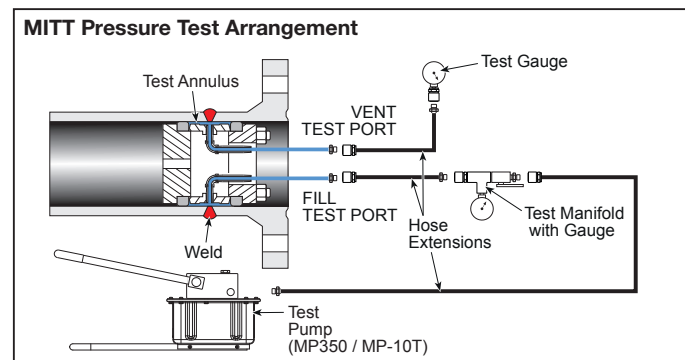
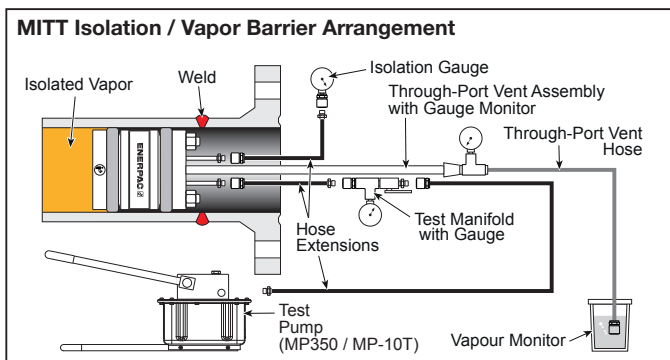
Inline Isolation & Test Tools

MITT series tools obsolete traditional pipe cleaning and hydrotesting methods used for maintenance and construction operations.

Improve operator safety and reduce system downtime by eliminating cleaning requirements and limiting test pressure volume. The MITT series tools improve safety by limiting the test pressure volume and reduce downtime by eliminating cleaning requirements. Key benefits of the tools include:

- Significantly reduce maintenance project timelines
- Safely perform welding on hydrocarbon lines with the peace of mind of a positive pressurized hydrostatic isolation
- Achieve significant reduction in wastewater (<1/4 gallon of water required for a 24" test)
- **Patent Pending**

- **Combination Isolation and Test Tool assures vapor-free isolation for hot work and high-pressure capability between seals for testing welds with one tool**
- **Multi-schedule capability – up to 6 schedules covered per tool, 40 tools cover 154 pipe diameter / schedule combinations**
- **Lightweight, slim and versatile design – no crane required, able to mount in elbows and tees, able to test mismatched schedules**
- **High-pressure capability – test welds with relative ease up to 4500 psi**
- **Self-centering tools are user-friendly and require minimal training**
- **Hydrodynamic capability for heat treating**



Nominal Pipe Diameter (in)	Model Number	Pipe Schedules Covered	Maximum Tool Pressure Rating* (psi)	Tool Body Diameter (in)	Overall Length (in)	Stud, Nut, Washer Size (in)	Pressure Port Size (ASME)	Wt. (lbs)
3/4	MITT075A	5, 10, STD/40	4500	0.7	14	1/8"	Female 1/8" NPT	1.7
	MITT075B	XS/80, 160	4500	0.6	14	1/8"	Female 1/8" NPT	1.5
1	MITT1A	5, 10, STD/40	4500	0.9	14	1/8"	Female 1/8" NPT	1.9
	MITT1B	XS/80, 160	4500	0.7	14	1/8"	Female 1/8" NPT	1.6
1-1/4	MITT125A	5, 10, STD/40 XS/80	4500	1.1	14	1/4"	Female 1/4" NPT	2.9
1-1/2	MITT150A	5,10, XS/80	4500	1.4	14	1/4"	Female 1/4" NPT	4.1
	MITT150B	160	4500	1.1	14	1/4"	Female 1/4" NPT	3.4
2	MITT2A	5,10, STD/40, XS/80	4500	1.8	14	1/4"	Female 1/4" NPT	5.4
	MITT2B	160, XXS	4500	1.4	14	1/4"	Female 1/4" NPT	4.3
3	MITT3A	5,10, STD/40, XS/80	4500	2.8	7	3/8"	Male 1/8" NPT	5
	MITT3B	160, XXS	4500	2.3	7	3/8"	Male 1/8" NPT	4.5
4	MITT4A	5,10, STD/40, 60, XS/80	4500	3.7	7	5/16"	Male 1/8" NPT	5.59
	MITT4B	120, 160	4500	3.2	7	5/16"	Male 1/8" NPT	4.81
	MITT4C	XXS	4500	3.0	7	5/16"	Male 1/8" NPT	4.25
6	MITT6A	10, STD/40, 60	4500	5.7	7	5/8"	Male 1/4" NPT	13
	MITT6B	XS / 80, 120	4500	5.4	7	5/8"	Male 1/4" NPT	12
	MITT6C	160, XXS	4500	4.8	7	5/8"	Male 1/4" NPT	10
8	MITT8A	10, 20, 30, STD/40, XS/80	4500	7.4	7	5/8"	Male 1/4" NPT	19
	MITT8B	100, 120, 140, XXS, 160	4500	6.6	7	5/8"	Male 1/4" NPT	16
10	MITT10A	20, 30, STD/40, XS/60, 80	4500	9.4	7	5/8"	Male 1/4" NPT	29
	MITT10B	100, 120, XXS/140, 160	4500	8.4	7	5/8"	Male 1/4" NPT	25
12	MITT12A	10, 20, 30, STD, 40, XS	4500	11.6	7	5/8"	Male 1/4" NPT	43
	MITT12B	60, 80, 100, XXS/120	4500	10.7	7	5/8"	Male 1/4" NPT	41
	MITT12C	140, 160	4500	9.8	7	5/8"	Male 1/4" NPT	32
14	MITT14A	10, 20, STD/30, 40	4500	12.8	7	5/8"	Male 1/4" NPT	45
	MITT14B	XS, 60, 80	4500	12.8	7	5/8"	Male 1/4" NPT	42
	MITT14C	100, 120, 140, 160	4500	11.1	7	5/8"	Male 1/4" NPT	38
16	MITT16A	10, 20, STD/30, XS/40, 60	4500	14.6	7	5/8"	Male 1/4" NPT	54
	MITT16B	80, 100	4500	13.6	7	5/8"	Male 1/4" NPT	48
	MITT16C	120, 140, 160	4500	12.8	7	5/8"	Male 1/4" NPT	45
18	MITT18A	10, 20, STD, 30, XS, 40	4500	16.5	7	5/8"	Male 1/4" NPT	64
	MITT18B	60, 80	4500	15.8	7	5/8"	Male 1/4" NPT	60
	MITT18C	100, 120	4500	14.9	7	5/8"	Male 1/4" NPT	55
	MITT18D	140, 160	4500	14.1	7	5/8"	Male 1/4" NPT	52
20	MITT20A	10, STD/20, XS / 30	4500	18.9	7	5/8"	Male 1/4" NPT	80
	MITT20B	40, 60	4500	18.0	7	5/8"	Male 1/4" NPT	73
	MITT20C	80, 100	4500	17.1	7	5/8"	Male 1/4" NPT	67
	MITT20D	120, 140	4500	16.1	7	5/8"	Male 1/4" NPT	61
	MITT20E	160	4500	15.7	7	5/8"	Male 1/4" NPT	60
22	MITT22A	STD, XS	4500	20.6	7	5/8"	Male 1/4" NPT	89
	MITT22B	60, 80	4500	19.4	7	5/8"	Male 1/4" NPT	81
	MITT22C	100, 120	4500	18.4	7	5/8"	Male 1/4" NPT	75
	MITT22D	140, 160	4500	17.4	7	5/8"	Male 1/4" NPT	69
24	MITT24A	10, STD/20, XS, 30	1150	22.6	7	5/8"	Male 1/4" NPT	99
	MITT24B	40, 60	2250	21.7	7	5/8"	Male 1/4" NPT	94
	MITT24C	80, 100	3375	20.6	7	5/8"	Male 1/4" NPT	88
	MITT24D	120, 140	4500	19.5	7	5/8"	Male 1/4" NPT	82
	MITT24E	160	4500	18.9	7	5/8"	Male 1/4" NPT	80
26	MITT26A	10, STD, XS	1150	24.6	7	5/8"	Male 1/4" NPT	115
30	MITT30A	10, STD, XS/20, 30	1150	28.6	7	5/8"	Male 1/4" NPT	147
	MITT30B	40	1150	28.1	7	5/8"	Male 1/4" NPT	140
32	MITT32A	10, STD, XS/20, 30	1150	30.6	7	5/8"	Male 1/4" NPT	158
	MITT32B	40	1150	30.3	7	5/8"	Male 1/4" NPT	155
34	MITT34A	10, STD, XS/20, 30	425	32.6	7	5/8"	Male 1/4" NPT	168
	MITT34B	40	425	32.2	7	5/8"	Male 1/4" NPT	165
36	MITT36A	10, STD, XS	425	34.6	7	5/8"	Male 1/4" NPT	187
38	MITT38A	STD, XS	425	36.6	7	5/8"	Male 1/4" NPT	208
40	MITT40A	STD, XS	425	38.6	7	5/8"	Male 1/4" NPT	230

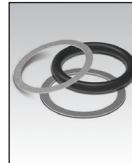
MITT Series



Pipe Diameters:
0.75 – 40 inches

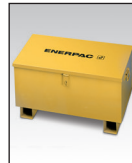
Water Capacity per Test:
0.10 - 0.75 gallons

Maximum Test Pressure:
4,500 psi



Cost-Effective Spares

Buna 90 shore hardness seals and stainless steel seal backing rings provide additional pressure capacity for a low cost.



Ancillary Kit – MITTAK

All ancillary components required to safely isolate piping and test new welds (includes manual valves, gauge set, hoses, hand tools, fittings).



Pump and Reservoir

To match the full capability of the tools, the MP350 hand pump and MP10T reservoir are recommended.



MITT2A tool being torqued in a test stand for high pressure testing



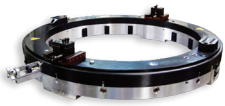
THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac industrial tools are put to work under the most intense and demanding conditions. That's why we never compromise! So you can rely on quality and durability every time for your controlled isolation and pressure testing applications.

As a global market leader in high-pressure hydraulic tools, controlled force products and solutions for the precision positioning of heavy loads, Enerpac products have moved and maintained some of the largest structures on earth. They are the industry standard in aerospace, infrastructure, manufacturing, mining, oil & gas, power generation and much more.

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Manual Torque Multipliers



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Hydraulic Torque Wrenches



Electric Torque Wrench Pumps



Pneumatic Torque Wrench Pumps

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Flange Alignment Tools



Mechanical Flange Face Tool



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Battery-Powered Torque Wrench Pumps



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