



Mettle Air®

**BSPT BSPP NPT
Fittings and Adapters**



LIMITATION OF LIABILITY

IN NO EVENT SHALL METTLEAIR BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE DAMAGES OF ANY KIND, OR DAMAGES CAUSED BY DELAY IN PERFORMANCE, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR REVENUE, COST OF SUBSTITUTES, ARISING FROM OR IN ANY WAY CONNECTED TO THIS AGREEMENT OR ORDER, WHETHER FOR BREACH OF WARRANTY OR OTHER BREACH OF CONTRACT, NEGLIGENCE OR OTHER TORT. METTLEAIR'S MAXIMUM LIABILITY FOR ANY CLAIMS ARISING FROM OR IN ANY WAY CONNECTED TO THIS AGREEMENT OR ORDER, WHETHER IN CONTRACT OR TORT OR OTHERWISE, SHALL NOT EXCEED THE INVOICED PURCHASE PRICE OF THE PRODUCT(S) GIVING RISE TO THE CLAIM.

It is agreed and acknowledged that the provisions of these Terms allocate the risks between MettleAir and the Buyer in a fair and equitable manner, MettleAir's pricing reflects this allocation of risk, and but for this allocation and limitation of liability, MettleAir would not have agreed to sell the Products to Buyer.

In jurisdictions that limit the scope of, or preclude limitations or exclusions of, remedies or damages or of liability such as liability for gross negligence or willful misconduct or do not allow implied warranties to be excluded, the limitation or exclusion of warranties, remedies, damages or liability set forth herein are intended to apply to the maximum extent permitted by applicable law.

CALIFORNIA PROPOSITION 65 WARNING

These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WARNING: THESE PRODUCTS ARE NOT D.O.T. APPROVED

These products are not D.O.T. (Department of Transportation) approved and should not be used for automotive applications.

Product Specifications

Type	Temperature Range	Working Pressure
Barb to Barb	-40°F to 160°F (-40°C to 71°C)	0 to 250 PSI
Barb to Thread*	-40°F to 160°F (-40°C to 71°C)	0 to 250 PSI
Thread to Thread*	-65°F to 250°F (-53°C to 121°C)	0 to 1000 PSI
*Tapered threads such as NPT and BSPT (WITHOUT O-RINGS)		
Barb to Thread (O-Ring)**	-20°F to 160°F (-28°C to 71°C)	Vacuum to 125 PSI
Thread to Thread (O-Ring)**	-20°F to 160°F (-28°C to 71°C)	Vacuum to 125 PSI
**O-Rings are typically found on BSPP (G), UNF and Metric M series threads where applicable		

Cast Fittings Notice: All CAST fittings are limited to 125 PSI

Hose Barb Notice: Review both tubing and fitting max working pressures, do not exceed the LOWER pressure limit

For adapter fittings that combine O-Ring and tapered threads (No O-Ring), use the lower 125 PSI pressure limit.

Female Coupling



Part #	T1 (Female)	T2 (Female)
103-GA	1/8" BSPP (G)	1/8" BSPP (G)
103-GB	1/4" BSPP (G)	1/4" BSPP (G)
103-GC	3/8" BSPP (G)	3/8" BSPP (G)
103-GD	1/2" BSPP (G)	1/2" BSPP (G)
103-GE	3/4" BSPP (G)	3/4" BSPP (G)

Part #	T1 (Female)	T2 (Female)
103-GANA	1/8" BSPP (G)	1/8" NPT
103-GBNB	1/4" BSPP (G)	1/4" NPT
103-GCNC	3/8" BSPP (G)	3/8" NPT
103-GDND	1/2" BSPP (G)	1/2" NPT

Bushing



Part #	T1 (Male)	T2 (Female)
110-RBGA	1/4" BSPT (R)	1/8" BSPP (G)
110-RCGA	3/8" BSPT (R)	1/8" BSPP (G)
110-RCGB	3/8" BSPT (R)	1/4" BSPP (G)
110-RDGB	1/2" BSPT (R)	1/4" BSPP (G)
110-RDGC	1/2" BSPT (R)	3/8" BSPP (G)
110-REGD	3/4" BSPT (R)	1/2" BSPP (G)

Part #	T1 (Male)	T2 (Female)
110-GBGA	1/4" BSPP (G)	1/8" BSPP (G)
110-GCGA	3/8" BSPP (G)	1/8" BSPP (G)
110-GCGB	3/8" BSPP (G)	1/4" BSPP (G)
110-GDGA	1/2" BSPP (G)	1/8" BSPP (G)
110-GDGB	1/2" BSPP (G)	1/4" BSPP (G)
110-GDGC	1/2" BSPP (G)	3/8" BSPP (G)

Pipe Cap



Part #	T1 (Female)
108-GA	1/8" BSPP (G)
108-GB	1/4" BSPP (G)
108-GC	3/8" BSPP (G)
108-GD	1/2" BSPP (G)
108-GE	3/4" BSPP (G)

Countersunk Pipe Plug



Part #	T1 (Male)
118-RA	1/8" BSPT (R)
118-RB	1/4" BSPT (R)
118-RC	3/8" BSPT (R)
118-RD	1/2" BSPT (R)
118-RE	3/4" BSPT (R)

Internal Hex Pipe Plug



Part #	T1 (Male)
118-GA	1/8" BSPP (G)
118-GB	1/4" BSPP (G)
118-GC	3/8" BSPP (G)
118-GD	1/2" BSPP (G)
118-GE	3/4" BSPP (G)

*Actual product may differ from stock photo

Pipe Adaptor



Reducing Pipe Coupling



Part #	T1 (Female)	T2 (Male)
120-GARA	1/8" BSPP (G)	1/8" BSPT (R)
120-GCRA	3/8" BSPP (G)	1/8" BSPT (R)
120-GCRB	3/8" BSPP (G)	1/4" BSPT (R)
120-GCRC	3/8" BSPP (G)	3/8" BSPT (R)
120-GDRB	1/2" BSPP (G)	1/4" BSPT (R)
Part #	T1 (Female)	T2 (Male)
120-GAGA	1/8" BSPP (G)	1/8" BSPP (G)
120-GBGB	1/4" BSPP (G)	1/4" BSPP (G)
120-GCGC	3/8" BSPP (G)	3/8" BSPP (G)
120-GBGA	1/4" BSPP (G)	1/8" BSPP (G)
120-GDGC	1/2" BSPP (G)	3/8" BSPP (G)
120-GDGD	1/2" BSPP (G)	1/2" BSPP (G)
Part #	T1 (Female)	T2 (Male)
120-NARA	1/8" NPT	1/8" BSPT (R)
120-NBRB	1/4" NPT	1/4" BSPT (R)
120-NCRC	3/8" NPT	3/8" BSPT (R)
120-NDRD	1/2" NPT	1/2" BSPT (R)
120-NERE	3/4" NPT	3/4" BSPT (R)
Part #	T1 (Female)	T2 (Male)
120-GANA	1/8" BSPT (G)	1/8" NPT
120-GBNB	1/4" BSPP (G)	1/4" NPT
120-GCNC	3/8" BSPP (G)	3/8" NPT
120-GDND	1/2" BSPP (G)	1/2" NPT
120-GENE	3/4" BSPP (G)	3/4" NPT

Part #	T1 (Female)	T2 (Female)
119-GBGA	1/4" BSPP (G)	1/8" BSPP (G)
119-GCGA	3/8" BSPP (G)	1/8" BSPP (G)
119-GCGB	3/8" BSPP (G)	1/4" BSPP (G)
119-GDGB	1/2" BSPP (G)	1/4" BSPP (G)
119-GDGC	1/2" BSPP (G)	3/8" BSPP (G)

*Actual product may differ from stock photo

Hex Pipe Nipple



Part #	T1 (Male)	T2 (Male)
122-GA	1/8" BSPP (G)	1/8" BSPP (G)
122-GB	1/4" BSPP (G)	1/4" BSPP (G)
122-GC	3/8" BSPP (G)	3/8" BSPP (G)
122-GD	1/2" BSPP (G)	1/2" BSPP (G)
122-GE	3/4" BSPP (G)	3/4" BSPP (G)
122-GBGA	1/4" BSPP (G)	1/8" BSPP (G)
122-GCGA	3/8" BSPP (G)	1/8" BSPP (G)
122-GCGB	3/8" BSPP (G)	1/4" BSPP (G)
122-GDGB	1/2" BSPP (G)	1/4" BSPP (G)
122-GDGC	1/2" BSPP (G)	3/8" BSPP (G)
122-GEGD	3/4" BSPP (G)	1/2" BSPP (G)

Part #	T1 (Male)	T2 (Male)
122-NBGB	1/4" NPT	1/4" BSPP (G)
122-NBGC	1/4" NPT	3/8" BSPP (G)
122-NCGC	3/8" NPT	3/8" BSPP (G)
122-NDGD	1/2" NPT	1/2" BSPP (G)
Part #	T1 (Male)	T2 (Male)
122-NARA	1/8" NPT	1/8" BSPT (R)
122-NBRA	1/4" NPT	1/8" BSPT (R)
122-NBRB	1/4" NPT	1/4" BSPT (R)
122-NCRC	3/8" NPT	3/8" BSPT (R)
122-NDRD	1/2" NPT	1/2" BSPT (R)
122-NERE	3/4" NPT	3/4" BSPT (R)
Part #	T1 (Male)	T2 (Male)
122-RA	1/8" BSPT (R)	1/8" BSPT (R)
122-RB	1/4" BSPT (R)	1/4" BSPT (R)
122-RC	3/8" BSPT (R)	3/8" BSPT (R)
122-RD	1/2" BSPT (R)	1/2" BSPT (R)
122-RE	3/4" BSPT (R)	3/4" BSPT (R)
122-RBRA	1/4" BSPT (R)	1/8" BSPT (R)
122-RCRA	3/8" BSPT (R)	1/8" BSPT (R)
122-RCRB	3/8" BSPT (R)	1/4" BSPT (R)
122-RDRB	1/2" BSPT (R)	1/4" BSPT (R)
122-RDRC	1/2" BSPT (R)	3/8" BSPT (R)
122-RERD	3/4" BSPT (R)	1/2" BSPT (R)

*Actual product may differ from stock photo

Stainless Steel Fittings

Internal Hex Pipe Plug



Part #	T1 (Male)
118SS-GA	1/8" BSPP (G)
118SS-GB	1/4" BSPP (G)

Bushing



Part #	T1 (Male)	T2 (Female)
110SS-GAU10	1/8" BSPP (G)	10-32 UNF
110SS-GBGA	1/4" BSPP (G)	1/8" BSPP (G)

Female Tee

Part #	T1 (Female)	T2 (Female)
101SS-GA	1/8" BSPP (G)	1/8" BSPP (G)
101SS-GB	1/4" BSPP (G)	1/4" BSPP (G)