

Weld Pins

Weld Pins

Job: _____

Location: _____

Submitted To: _____

Submittal Prepared By: _____

Approved By: _____

Date: _____

SUPPLIER



1502 Industrial Drive
Monongahela, PA 15063
800-245-3188
www.ductmate.com

INDUSTRY REGULATIONS



Ductmate Weld Pins meet the guidelines for low and high velocity ductwork as outlined by the SMACNA standards, HVAC DUCT CONSTRUCTION STANDARDS 1995 Edition.

ORDERING INFORMATION

**Please Contact Your Local
Ductmate Distributor:**

PRODUCT GUARANTEE

Ductmate Weld Pins are guaranteed against defective material.
Ductmate will service any malfunctioning equipment used in conjunction with Ductmate Weld Pins.

DESCRIPTION

Premium quality weld pins for the fastening of duct liner to metal duct work.

BASIC USE

Ductmate Weld Pins are used to permanently secure insulation to the inside of sheet metal ductwork. Ductmate Weld Pins are designed to work with all the standard resistance welding equipment.

FEATURES

- Can be used with multi-head, automatic-feed, single-head, dual-head and portable systems
- Cupped head prevents liner tears
- Conical point for strength and weld consistency
- Superior strength
- Unmatched product consistency
- Superior design helps reduce misfires
- Cupped head reduces jams and down time
- Available in a variety of sizes and packaging
- Conical point reduces welding time
- Designed to provide complete sheet to pin fusion
- All Ductmate pins are electroplate galvanized
- All pins are 10 gauge
- Manufactured in the USA

TECHNICAL INFORMATION

Cupped Head

- Helps eliminate tears in the insulation while virtually eliminating machinery jams and down time.
- Washer diameter of 1"

Conical Point

- Higher electrical resistance reduces weld time
- Consistency reduces the need for adjustments to equipment
- Cold drawn weldable wire point produces superior electrical contact

PACKAGING INFORMATION

see tables on next page

Dimensions

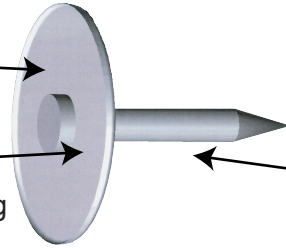
Weld Pins

Cupped Head:

Reduces jams and machinery down time while preserving the insulation

Contact Head:

Oversized head increases the welding surface, resulting in a reduction in misfires and superior strength



Point:

Conical point for strength and weld consistency.

Shaft:

Cold drawn weldable wire shaft for strength and consistency

RECOMMENDATIONS

- All equipment should be well maintained and operated within the machines's specifications.
- The first time Ductmate weld pins are used on a new machine, it is recommended that the user examine the first fifty welds for contact and strength. Adjustments may need to be made to the the machine's electrical current before a satisfactory weld can be achieved.

Fastener Size	Recommended For
1/2"	1/2" Insulation - All Densities
3/4"	1" Insulation - 1 1/2 lb. Density
1"	1" Insulation - 3 lb. Density
1 1/8"	1" Insulation - 4 - 6 lb. Density
1 1/2"	1 1/2" Insulation - 1 1/2 lb. Density
2"	2" Insulation - 1 1/2 & 2 lb. Density

PACKAGING INFORMATION

Part Number	Description	Quantity	Packaging
WP.5GA10C1	1/2" Weld Pin	1000	Box
WP.5GA10C5	1/2" Weld Pin	5000	Box
WP.5GA10P5	1/2" Weld Pin	5000	5 Gal. Pail
WP.75GA10C1	3/4" Weld Pin	1000	Box
WP.75GA10C5	3/4" Weld Pin	5000	Box
WP.75GA10P5	3/4" Weld Pin	5000	5 Gal. Pail
WP1GA10C1	1" Weld Pin	1000	Box
WP1GA10C5	1" Weld Pin	5000	Box
WP1GA10P5	1" Weld Pin	5000	5 Gal. Pail
WP1.125GA10C1	1 1/8" Weld Pin	1000	Box
WP1.125GA10C3	1 1/8" Weld Pin	3000	Box
WP1.125GA10P3	1 1/8" Weld Pin	3000	5 Gal. Pail
WP1.5GA10C1	1 1/2" Weld Pin	1000	Box
WP1.5GA10C3	1 1/2" Weld Pin	3000	Box
WP1.5GA10P3	1 1/2" Weld Pin	3000	5 Gal. Pail
WP2GA10C1	2" Weld Pin	1000	Box
WP2GA10C3	2" Weld Pin	3000	Box
WP2GA10P3	2" Weld Pin	3000	5 Gal. Pail