

MERS-605A ALUMINUM PIPE SUPPORT (Double, Plain Pipe)

DESCRIPTION

Thaler MERS-605A Pipe Support consists of a round, urethane insulated, hollow section 6061-T6 aluminum support with threaded leg assembly for vertical adjustment and mounting plate, mounting hardware (adhesive type fasteners supplied by others), and two stainless steel pipe roller assemblies. A urethane insulated STACK JACK flashing available in aluminum, copper, or stainless steel, with EPDM Triple Pressure Grommet Seal at the top of the flashing and EPDM Base Seal, completes the support.

Support Spacing: As per CAN1-B149.1-M86 for natural gas and propane. Spacing for pipes other than gas to be determined by mechanical or electrical engineer for safe loading.

Prominent Features: Threaded leg assembly provides up to 4" (102 mm) vertical adjustment. Light weight, strong-as-steel and non-corrosive. Maintenance free (EPDM flashing seals never need caulking. See Thaler EPDM Flashing Seals literature).

Options: See Section A of manual for STACK JACK Flashing options.

RECOMMENDED USE

Suitable for all flat roofs as a double, plain (uninsulated) pipe support for pipe sizes from 2" (51 mm) to 8" (203 mm) diameter. Ultimate bearing load is 7350 lbs. (3334 kg) per leg; apply appropriate safety factor.

WARRANTY

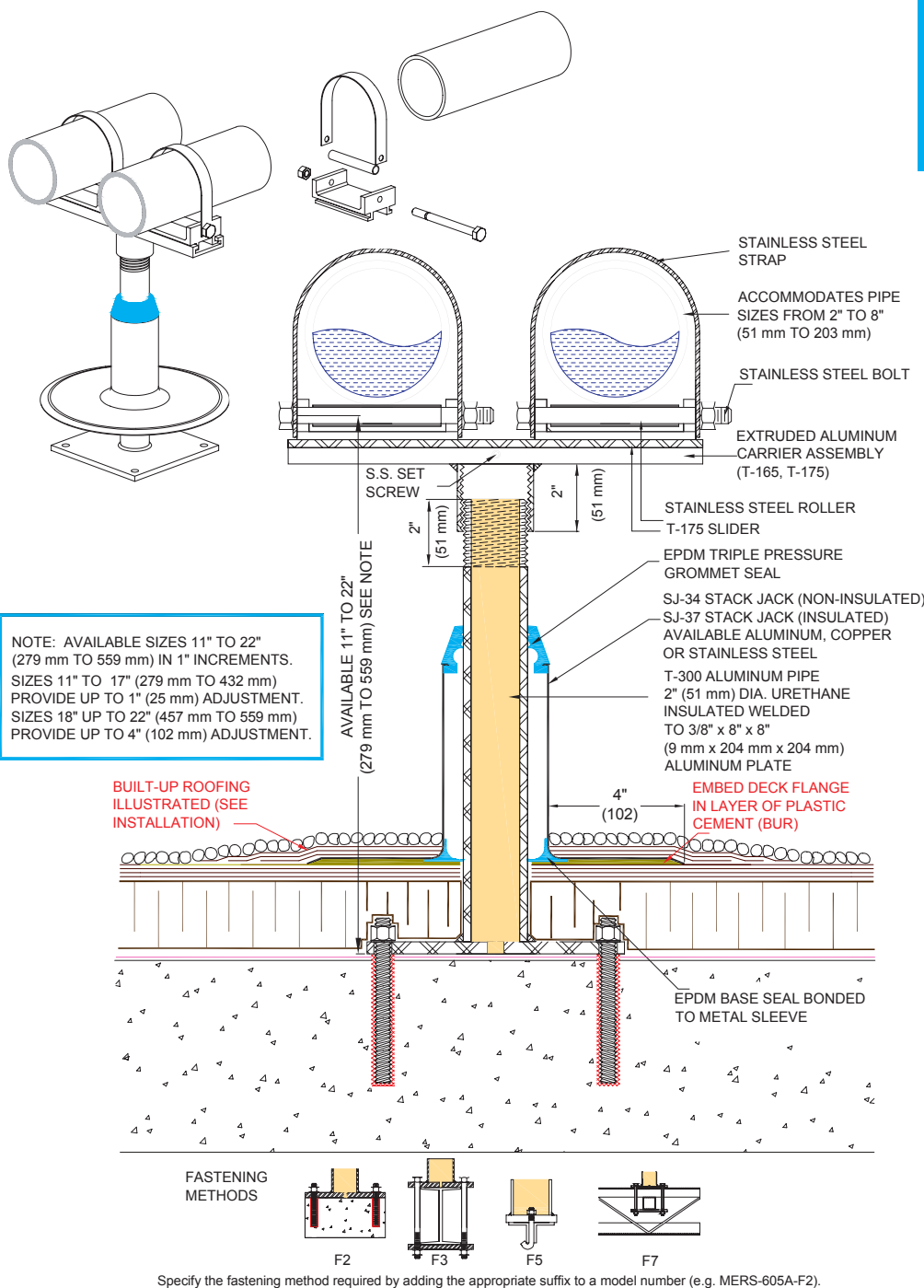
20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

MAINTENANCE

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Pipe supports (double plain pipe): Thaler MERS-605A adjustable height 6061-T6 hollow aluminum with mill finish, urethane insulated supports, 2" (51 mm) dia., with appropriate hardware (adhesive type supplied by others), for fastening to structural roof deck, and Type 304 stainless steel pipe roller assemblies sized to suit [] actual O.D. pipe; [SJ-34 non-insulated New-Standard STACK JACK flashing for concrete deck] [SJ-37 pre-insulated New Standard STACK JACK flashing for steel deck] 7" (178 mm) high, consisting of [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) Type 304 22 ga. stainless steel], 2" (51mm) dia. to CSA B272-93; with EPDM Triple Pressure Grommet Seal and EPDM Base Seal and [PVC coated deck flange] [bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.



NOTE: AVAILABLE SIZES 11" TO 22" (279 mm TO 559 mm) IN 1" INCREMENTS. SIZES 11" TO 17" (279 mm TO 432 mm) PROVIDE UP TO 1" (25 mm) ADJUSTMENT. SIZES 18" UP TO 22" (457 mm TO 559 mm) PROVIDE UP TO 4" (102 mm) ADJUSTMENT.

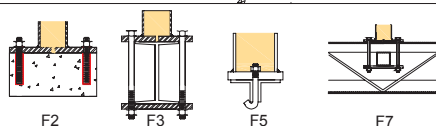
BUILT-UP ROOFING ILLUSTRATED (SEE INSTALLATION)

AVAILABLE 11" TO 22" (279 mm TO 559 mm) SEE NOTE

S.S. SET SCREW
2" (51 mm)
2" (51 mm)
STAINLESS STEEL ROLLER T-175 SLIDER
EPDM TRIPLE PRESSURE GROMMET SEAL
SJ-34 STACK JACK (NON-INSULATED)
SJ-37 STACK JACK (INSULATED)
AVAILABLE ALUMINUM, COPPER OR STAINLESS STEEL
T-300 ALUMINUM PIPE 2" (51 mm) DIA. URETHANE INSULATED WELDED TO 3/8" x 8" (9 mm x 204 mm x 204 mm) ALUMINUM PLATE
4" (102 mm)
EMBED DECK FLANGE IN LAYER OF PLASTIC CEMENT (BUR)

EPDM BASE SEAL BONDED TO METAL SLEEVE

FASTENING METHODS



Specify the fastening method required by adding the appropriate suffix to a model number (e.g. MERS-605A-F2).

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PATENTED

INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler MERS-605A Pipe Support is installed at required centres by fastening the aluminum mounting plate to the structural roof deck, placing the flashing sleeve over the support and roof membrane, installing the pipe roller assembly, and as follows:

BUR: Set flashing deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

ModBit: Torch membrane until bitumen is fluid and set flashing deck flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set flashing deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK flashing. Note: for PVC membrane, specify PVC coated aluminum, etc. STACK JACK by adding suffix P to end of model number, e.g. MERS-605A-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Pipe Roller Assemblies: Thread hollow aluminum upper support onto lower support leg, place pipes onto roller assembly and install stainless steel retaining straps over pipes allowing for clearance between pipe and strap.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. MERS-605A-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.