

CUTTING & FASTENING GUIDELINE - ASTRO-SAFE HVAC DUCT LINER.

** The following guidelines are for cutting and pinning ASTRO-SAFE HVAC Duct liner, and should be followed as directed. The equipment suggested has been used to properly size & install ASTRO-SAFE. Other comparable equipment may be used to modify ASTRO-SAFE to meet your job specifications.

Cutting & Sizing ASTRO-SAFE:

Machine Operated Cutting - Use DURO DYNE® Model LSU Advanced Liner Sizer, to cut material to installation specifications.



Hand Cutting Tools - Use OLFA® Rotary Cutter (RTY-3/DX) or OLFA® Serrated Multi-Purpose Scissors (SCS-2).



Model: RTY-3/DX



Model: SCS-2

Pin Welding ASTRO-SAFE:

Pinspotter (Handheld): Use DURO DYNE® Compact Pinspotter (MF), or Heavy Duty Pinspotter (PBF) to properly secure ASTRO-SAFE to sheet metal. NOTE: Adjusting the weld time may be necessary to properly ensure fastening.



Model: MF



Model: PBF

Pinspotter (stand-alone): Use DURO DYNE® Automatic Feed Pinspotter (FG) or Rolling Head Automatic Pinspotter (RH) to properly secure ASTRO-SAFE to sheet metal. NOTE: Adjusting the dwell & weld time may be necessary to properly ensure fastening.



Model: FG MACH I & II



Model: RH® MACH II

Pin Fasteners: As a minimum, use a pin for 1" standard density insulation to secure ASTRO-SAFE properly to sheet metal. Weld type pins can be either Rib Pin or DURO DYNE® GOLD SEAL pins.

Mechanical Fasteners: *Adhesive type hangers* should be DURO DYNE® DYNASTICK® Self Adhesive or DURO DYNE® FLIPSTIX® Self Adhesive hangers with a minimum 1" in length. *Impact driven fasteners* should be DURO DYNE® Tripod Bangers with a minimum length suitable for at least 1" standard density insulation.

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