



UnderDuct, Field
Installation Instructions

**MONOXIVENT
FRP
TECHNICAL
INFORMATION**

PROJECT: _____
LOCATION: _____
ARCHITECT: _____
ENGINEER: _____
SALES ENGINEER: _____
DATE: _____

www.fiberglass-duct.com

info@monoxivent.com

309-794-1000

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UNDERDUCT, GRIP SEAL FIELD JOINT INSTALLATION INSTRUCTIONS

1. Clean ends of duct sections to be joined. Make sure that the joint area is free of dust and debris.



2. Peel the embedded peel-ply tape from the inside of the Grip Seal clamp and slide the clamp assembly over the end of one of the duct sections to be joined.





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3. Place the duct sections in the pre-graded trench with the Grip Seal clamp temporarily slid out of the way.



4. Align the cleaned duct sections, making sure that the joint area cannot move during the clamp placement. Small gaps at the joint area are acceptable.





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5. Cut a length of the butyl rubber gasket material from the supplied bulk roll. Size the cut gasket length to completely wrap around the duct diameter plus an overlap of approximately two inches (2").





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6. Peel the white polyethylene backing from the gasket material being careful not to allow dirt, dust and debris onto the gasket.



7. Wrap the gasket around the joint area with the silver foil backing placed to the outside. Align the gasket evenly across the joint area with the 2" overlap located at the top of the duct.





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8. Smooth out all of the air bubbles in the gasket making sure that there is good adherence between the butyl rubber and the duct exterior.



9. Do not allow joint area to move while installing the Grip Seal clamp assembly.





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UNDERDUCT, GRIP SEAL FIELD JOINT INSTALLATION INSTRUCTIONS

9. Slide the Grip Seal clamp assembly over the gasket material with the clamping brackets located on top of the duct.



10. Install provided hardware into pre-drilled holes in Grip Seal clamp assembly.





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UNDERDUCT, GRIP SEAL FIELD JOINT INSTALLATION INSTRUCTIONS

11. Position Grip Seal clamp assembly over gasket material and tighten bolts. Make sure that the overlapping clamp edges ride over each other and don't damage the gasket while tightening. Tighten hardware evenly until clamp brackets start to deflect. Do not over-tighten hardware or damage to the clamp may occur.



12. Finished Grip Seal clamp installation. Pressure test duct system when completed to check for leaks.

