## **Production Fastening Systems, LLC**

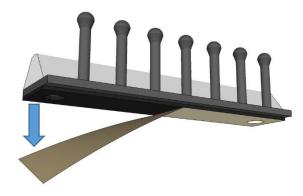


Addressing Corrosion in Offshore Pneumatic Tubing



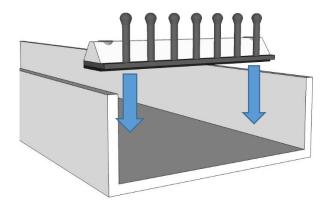
**Install Instructions** 

1) Remove tape backing on "Bottom Tube Alignment Section".

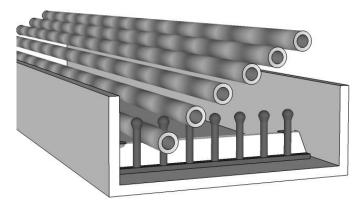


2) Place "Bottom Tube Alignment Section" in tray.

Note: Once alignment section is taped in place, movement is difficult.

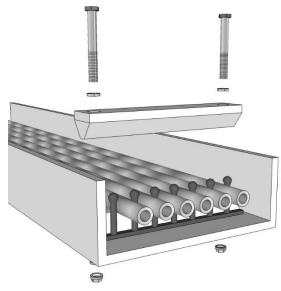


3) Once hardware holes are drilled in tray (using Tube Alignment Section as a guide), tubes can be snapped into place.

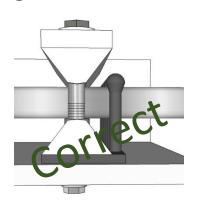


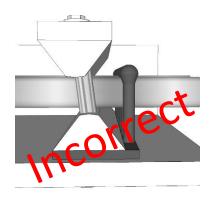


4) Once tubes are in place, the "Top Retainer" can be fastened into place with hardware



5) Completed install should resemble an hour glass. Always tighten by hand and avoid using torque wrench. Over-tightening can result in incorrect retainer alignment. Adjustments can be made through loosening hardware to attain proper configuration.





6) Proper tube alignment is critical for utilizing entire T-SEP capacity. Misalignment can result in spacer tines impeding on adjacent tube run access area.

