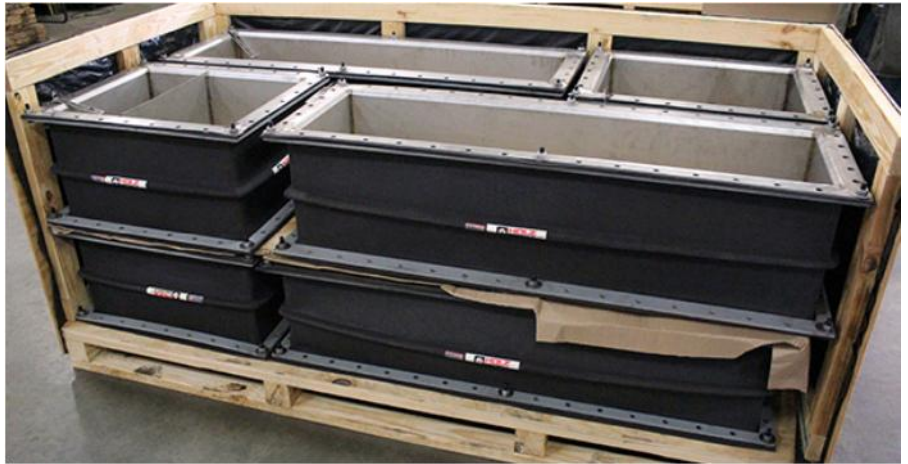


## Pressure and Media Calls for Fully Molded Flue Duct

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### Application:

Centrifuge suction and discharge for Para-xylene application at a chemical plant in India.



Para-xylene is an essential chemical used in the manufacturing process of PET plastic

### Problem:

The installed Molded Corner Expansion Joints were splitting and leaking in the corners and at the splice showing signs of stress due to the movements. The failing Expansion Joints were 1/4" thick, manufactured in a -U- style ( No Arch) design and only rated to 3 psi operating pressure.

### Solution:

During a system information review with the plant and the Holz Distributor, we determined the actual system operating pressure to be five psi with + 1.5' extension and -2.5" compression movements. Our Engineers used the information and designed a 3/8" thick, fully molded Holz 952 Arch Style Flue Duct Joint. We selected Viton due to the corrosive environment for the tube and cover of the Expansion Joints. Also, we added a stainless steel flow liner to protect the tube from corrosion during continuous operation.