

Engineering Solutions Helps Chemical Plant to Run Leak Free

Application:

Air supply fan connection in a chemical plant.

Problem:

A routine inspection a chemical plant found a tear in one of the expansion joints on their air handling system. Typically when an expansion joint tears it is a sign that the system has moved beyond the designed extension limit of the expansion joint. It is critical the system operates without leaking. The facility decided to replace the expansion joint immediately.



Solution:

A Holz distributor who had been working with this facility contacted Holz to design a solution that would perform better than the current configuration. Holz developed a solution using their 945 style designed to allow much more significant movement than the joint that had torn open. The 945 design is a fully molded expansion joint with a bellows in the body of the joint that allows maximum movement without stressing the system. Our Engineered solution helped the plant to get running again and will ensure safe and leak-free operation.

