

# PRODUCT LINE REPORT

## TRANSFLOW PAD WITH A “CURVE”

**ADVANCED  
TECHNOLOGY  
PROVEN DESIGN**

### Background

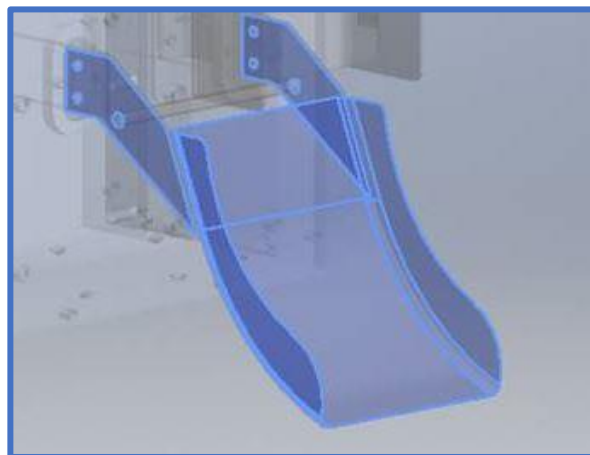
Young Industries Transflow Pads have been used in many applications, in various sizes and shapes, for all types of hoppers and bins. We recently had a customer that uses our standard pads, make an unusual request.

Standard Transflow pads are used by this customer to assist powder to flow into the inlet of their system. While the Transflow pads solved the problem at the system inlet there was a similar flow problem at the system discharge which could not be solved with a conventional flat Transflow pad.

### Requirement

The discharge of their system uses a curved chute to slide the powder to the next process. The chute is small with sides to direct flow. Our customer asked if we could line the chute with Transflow or provide a curved pad that would assist the powder to flow.

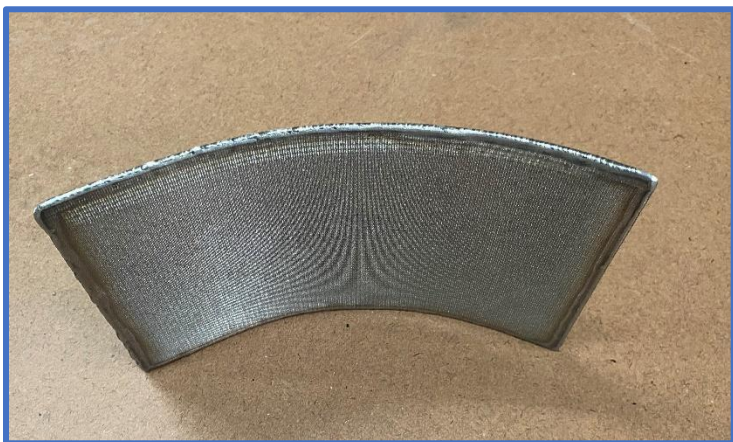
To solve the flow problem Young Industries provided a Curved Transflow Pad that matched the geometry of the existing chute. This pad was installed easily by simply drilling a hole in the proper location on the existing chute and providing dry compressed air for the Transflow.



3-D Model of Vessel Chute



Curved Transflow pad with hardware



Curved pad will line the complete bottom of the chute

### Result

“Flow Problem Solved”. The curved pad is working well for the customer, providing consistent powder flow on the chute eliminating down time and cleanup. The curved Transflow pad provided a low cost, quick fix to our customer’s flow problem.

Young Industries Transflow pads are available in all sizes, shapes, and variations. Custom is our standard!