

# Forney Damper Seals

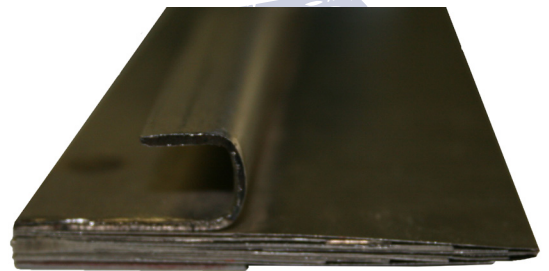
*Improve the efficiency and performance of your plant with Forney seals.*

## Louver Blade Seals

Blade edge treatment is a very important factor in determining the overall leakage performance of your louver damper. Due to the harsh environment the seals are exposed to it is very important to choose the proper seals. Forney's Louver Blade tip seals are made with Hastelloy C-276 alloy making it reliable, dependable and with a long life. The Hastelloy material makes the seals resistant to corrosion and stress corrosion cracking. In addition, the multilayer design adds flexibility to the seal giving it the ability to move through ash and return to its original straight form, thus resealing the damper. Other manufacturer's seals use thicker material, although the appearance looks durable, the fact is when they encounter ash buildup or unforeseen debris, the seal bends and takes a permanent set causing the seal to be ineffective and causes the damper to have excessive undesirable leakage.

### Forney's Louver Blade Tip Seals are:

- Durable
- High Temperature Resistant
- Corrosive Resistant
- Flexible - Two way flexibility
- Easy Replacement
- Less seal air required



## Guillotine Blade Seals

The amount of allowable leakage determines the seal design for your Guillotine Damper. Rigid seats provide adequate closure, with leakage in the range of 0.4 to 1% of flow. When zero leakage of flue gas is required, multiply seals are used to control leakage where the blade enters the duct section and reduces air requirements. These seals can be used to contain gases in a positive pressure duct.

### Forney Guillotin Blade Seals are:

- Durable and Flexible
- Two way flexibility allows objects twice the blade thickness to pass through the seal without damage.
- Multiple thin layers provide support while maintaining flexibility.
- Easy to replace
- Seals can be replaced internally as pre-assembled cartridges.
- Forney seals require substantially less seal air than competing systems.

