

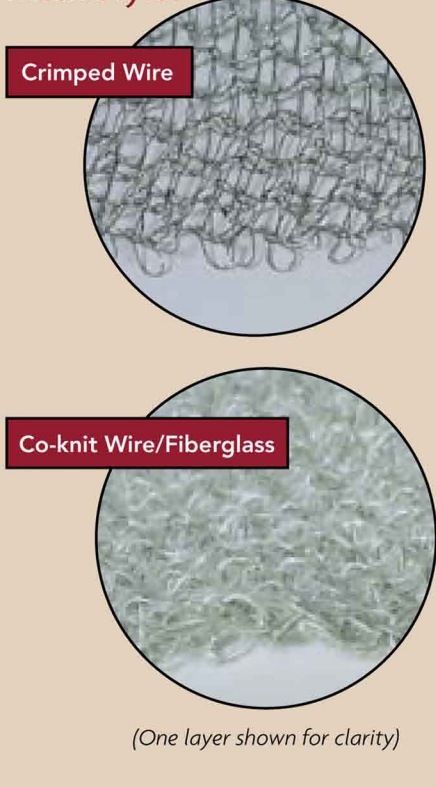
Benefits

- ZeCor-Z® increases service life 3 to 5 times vs. Alloy 20
- Increases service life of duct work, blowers and catalyst
- Guards against unexpected temperature upsets or surges

Features

- Uses multi-layer mesh in ZeCor-Z®, Alloy 20, 316L SS and co-knit for all services
- Exclusively incorporates the best materials available
- Co-knit glass or Teflon® fibers provide increased efficiency and reduced pressure drop without sacrificing capacity

Mesh Styles



TOWERGARD™ MESH PAD PRODUCTS

High Performance: TowerGARD™

Captures, collects and returns acid mist to the tower with 99.9% collection efficiency on particles greater than 2.0 microns with 2 inch w.c. pressure drop.

TowerGARD™ systems made with co-knit glass or Teflon® fibers are capable of 50% turndown due to increased targets for slower/smaller droplets.



ZeCor-Z® Corrosion Resistant Materials

Sulfuric acid plant drying or absorbing tower mesh pads utilizing stainless steel or Alloy 20 materials require replacement every one to three years as a result of corrosion. Resultant sulfate build-up reduces collection efficiency and increases pressure drop. Plant upsets can overheat Teflon® mesh pads and cause them to melt.

TowerGARD™ mesh pads are available exclusively with the best corrosion-resistant materials currently available: ZeCor-Z® can be used for 92 – 98% sulfuric acid.

Compared to Alloy 20 and 316L stainless steel, corrosion rates are dramatically reduced for ZeCor-Z® within normal operating temperatures for drying towers (50° – 80°C) and 92 – 98% sulfuric acid (see Figures 3 and 4). ZeCor-Z® has much greater corrosion resistance and will withstand temporary plant excursions better than either Alloy 20 or 316L stainless steel.

