

# MIDWESCO CASE HISTORIES

## Maximizing Collection Efficiencies with Seamless Tube Technology

### **PROBLEM**

This Mini-Mill was installing a new positive-pressure, reverse-gas cleaned baghouse on their EAF shop, to handle 1,115,000 ACFM of flow with KO61 dust entrained. Their new Permit stated 0.0032 grains/DSCF particulate capture efficiency.

### **SOLUTION**

Midwesco introduced our Seamless Tube® RT02 to solve this problem. Seamless Tube® RT02 uses a 100% Polyester knit structure to maximize collection efficiencies, enhance air flows, reduce media drag and enhance dust cake release.

### **RESULTS**

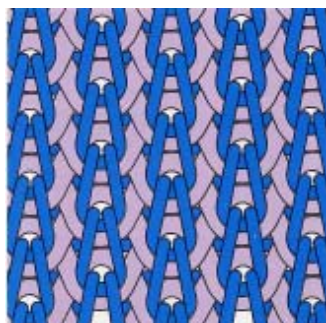
Midwesco supplied 4200 Seamless Tube® RT02 bags, tensioning hardware, Leak Seeker® and PreKote®. Midwesco personnel installed all filter bags, conducted pre-start up operations and assisted in establishing the cleaning cycles.



### **FOLLOW-UP DATA**

1. This baghouse tested at 0.0008 grains/DSCF initially.
2. Five (5) years after start up, the baghouse re-tested at .0013 gr/DSCF.
3. Six (6) years after commissioning, the baghouse operates at 4"-5.5" DP with no Visible Emissions (VE's).
4. Although a full set of spares are on-hand, there are no plans to re-fit the baghouse with new bags, since the DP's and VE's are controlled.

Contact your Midwesco representative to learn more details of this product and others.



**midwesco**  
Filter Resources, Inc.

P.O. Box 2075  
Winchester, Virginia 22604  
(540) 667-8500  
FAX (540) 667-9074  
**Toll Free 1-800-336-7300**  
[www.midwescofilter.com](http://www.midwescofilter.com)