

EPF™ 4100

Earthwise Water Systems™
for Plastic Extrusion Cooling

In the plastic extrusion industry, consistent and reliable temperature control is critical. Temperature variations of 2-3° F can cause scrap, downtime, zone damage with costs up to \$10,000/hour in lost production.

Requirements for optimum extruder performance:

- Consistent & reliable zone cooling
- Cooling fluid free of scale and corrosion by products
- Improved polymer-to-barrel friction
- Minimize downtime
- Extend life of zone saddles

Earthwise is proud to introduce:

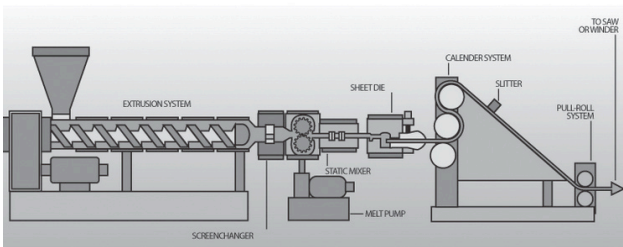
EPF™ 4100 Engineered Water

- Complete scale, corrosion protection
- Liquid and vapor phase cooling up to 600°F
- Long life performance
- Zone protection and passivation
- Reduced scrap and downtime
- Improved productivity & bottom line
- Non-toxic, safe & easy to use

Case History

HIPS Sheet Thermoformer in Midwest
6" barrel with 6 cooling zones

Annual operational cost of a plastic extruder's performance: baseline, using untreated deionized water; compared with EPF™ 4100 Engineered Water.



Annual costs	Before EPF™ 4100	EPF™ 4100
Machine maintenance	\$27,000	\$20,000
Scrap	\$14,000	\$8,000
Production loss	\$115,000	\$13,000
Total impact of zone cooling	\$156,000	\$41,000

\$115,000 Annual Process Savings with EPF™ 4100

Available in 55 and 275 gallon container

For further information contact: Kurt Heinz
630.475.3070
kheinz@earthwiseenvironmental.com

Earthwise Environmental, Inc.
777 N. Edgewood Ave.
Wood Dale, IL 60191

