

A Leader In Aluminum Smelting Flexible Piping Technology

ThorburnFlex

A Proven Leader In Flexible Piping Technology

Since its conception 50 years ago, Thorburn has become a world leader in the design and manufacturing of custom engineered flexible piping and ducting systems. Operating under a strategy of global presence in the Aluminum Processing, Petrochemical and Power Generating Industries. Thorburn offers unmatched capabilities in applications, Engineering, Design and Manufacturing of leading end flexible piping and ducting systems. Targeting Thorburn's resources allows its core technology to be leveraged into hundreds of demanding applications.

The Ultimate in Corrosion Resistant Flexible Ducting!

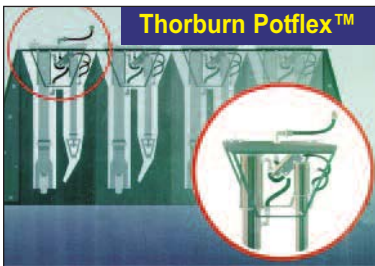


Thorburn Bootflex™

Thorburn's TLFP 40 consists solely PTFE resins and is therefore chemically inert and completely unaffected by hydrofluoric gases making it an ideal gas seal membrane in a Aluminum Potline and Scrubber Ducting System. Thorburn offers a

15 year warranty for its expansion joints in this application.

Potroom Dielectric Compressed Air Flexible Piping Systems



Thorburn Potflex™

Thorburn's PotFlex™ technology was specifically developed for the Aluminum Smelting Industry's need for a superior alternative to traditional Rubber & Nylon compressed air dielectric flexible piping.



PotFlex™ is the flexible component used to transfer compressed air to the pneumatic control valves to the crust breaker/feeder cylinders.

THORBURN FLEX - Canada

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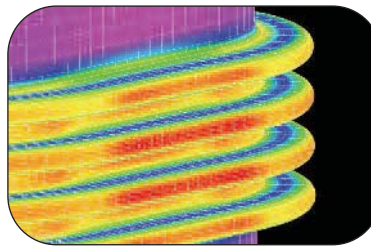
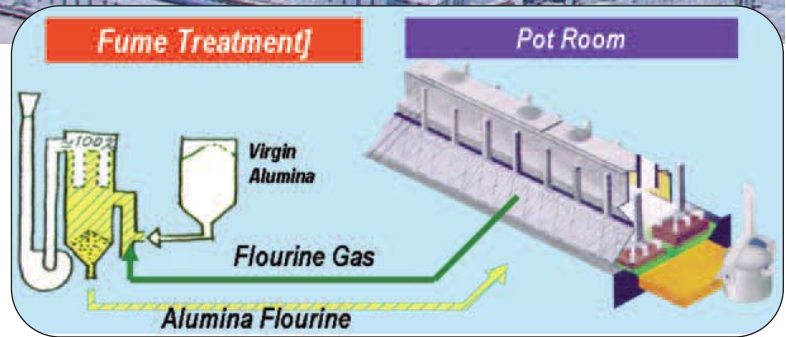
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FEA (Finite Element Analysis) assist in design & analysis for critical applications.



Inline Pressure Balanced Expansion Joint



Metallic PTFE Lined Expansion Joint



Elbow Pressure Balanced Expansion Joint



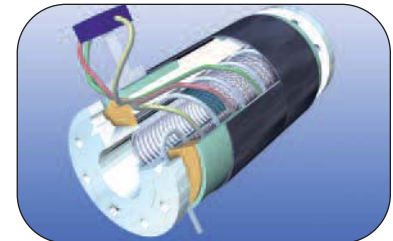
Flue Gas Corrosion Resistant Ducting Expansion Joint



Rubber Inline Pressure Balanced Expansion Joint



Rubber PTFE Lined Expansion Joint



Suretemp™ Electrically Heated Hose Assemblies for Pitch Transfer



European Conformity



ISO 9001:2015



B31.1, B31.3



ASME "NPT" Sec. III Class 1



ASME "U" Sec. VIII Div. 1



N285.0, B51 CGA CR96-001



97/23/EC Module H



UL 536