

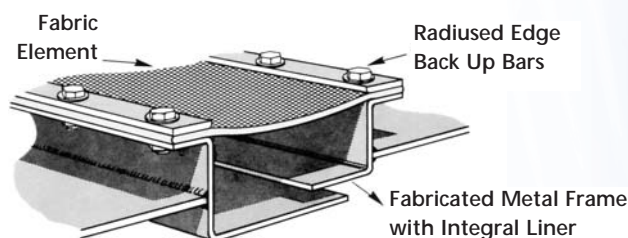
Senior Flexonics Non-Metallic Expansion Joints

In addition to metal products we manufacture non-metallic, duct type, fabric and composite expansion joints for the power generation, pulp and paper, co-generation, and ship building industries, as well as many other types of industry.

Senior Flexonics' Canada non-metallic expansion joints are produced in various configurations in order to meet virtually any application requirements and operating conditions. They can be engineered to fit into existing systems without major changes in duct work.

Expansion joints are offered in either integral flange or belt-type geometry. They are designed not only for relieving stress due to thermal conditions but to eliminate transmission of vibration caused by fans and other equipment in ducting systems.

Senior Flexonics now offers the Darlyn line of superior corrosion-resistant fabrics. Darlyn materials provide exceptional performance, even in the severe chemical environments found in ducts of flue gas desulfurization plants and pulp and paper recovery boiler systems.



Senior Flexonics 'Slip Pakt' Expansion Joints

PERFORMANCE DATA

Pressures and Temperatures

Senior Flexonics "Slip Pakt" Expansion Joints are designed for maximum working pressures of 150 psig or 300 psig. and to a maximum temperature of 500°F. Higher pressure and temperature units are available upon request.

Media

Senior Flexonics "Slip Pakt" Expansion Joints are suitable for use in pipelines containing Steam-Water-Oil-Air or Gas.

Sizes

Senior Flexonics "Slip Pakt" Expansion Joints are available in Single or Dual units from 1 1/2" NPS through 24" NPS. Larger sizes available upon request.

Stroke or Traverse

4 inch, 8 inch and 12 inch strokes are standard in all single units. 8 inch, 16 inch and 24 inch strokes are standard in all dual units. Longer strokes in either Single or Dual "Slip Pakt" Expansion Joints are available for special applications.

Repacking

Senior Flexonics "Slip Pakt" Expansion Joints can be packed under full line pressure.

Shut-Off Valve
1/4 turn shut-off Valve prevents blowback of packing under full line pressure.

Limit Stops, when engaging stuffing box end of gland, prevent slip from being pulled out of body. Limit stops are of stainless steel, designed for full line pressure thrust at 1 1/2 times design pressure.

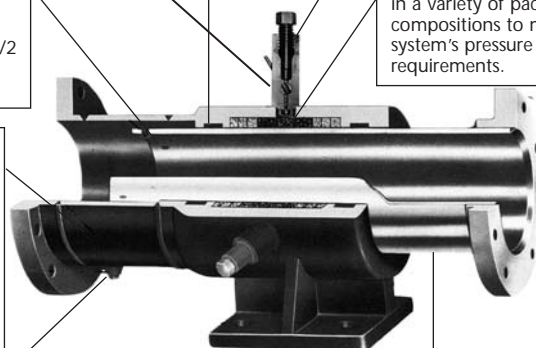
Body is carbon steel, fabricated to close tolerances. Body can be furnished with either a flanged or welding end. Flanged ends are faced and drilled in accordance with ANSI Standards.

Drip is furnished only when specified.

Integral Internal and External guides are of non ferrous material to insure close tolerance guiding without scratching or scoring the highly polished seamless carbon steel, double hard chrome plated slip.

Ram: The ram packing cylinders are carbon steel, welded in place and have internal acme thread in body and external acme thread on the ram and are designed for injection of semi-plastic self-lubricating packing under full line pressure.

Packing: Semi-plastic, self-lubricating packing available in a variety of packing compositions to meet your system's pressure requirements.



Bases for single joints are optional. Intermediate anchor bases are furnished on all double joints.

Slip of carbon steel, accurately machined and plated w/chrome over nickle as standard or with double hard chrome plating; .001" TK. hard chrome over .001" TK. crack-free hard chrome when specified.