

FLEXFAB NIAGARA Inc.



FABRIC COMPOSITE BELLOW EXPANSION JOINTS

FLEXFAB NIAGARA inc. **A RELIABLE BUSINESS PARTNER**

FLEXFAB NIAGARA inc. is a dynamic manufacturing company specializing in the production of fabric composite bellow expansion joint assemblies. These units are used for thermal and mechanical movement control as well as vibration absorption in modern duct systems.

FLEXFAB NIAGARA inc. manufactures a broad range of fabric composite bellow expansion joint assemblies from industrial standards to special service designs geared to filling customer wishes and requirements. With its in depth knowledge of materials and extensive application experience, FLEXFAB NIAGARA inc. is able to supply reliable and well functioning design solutions to match any type of plant or system.

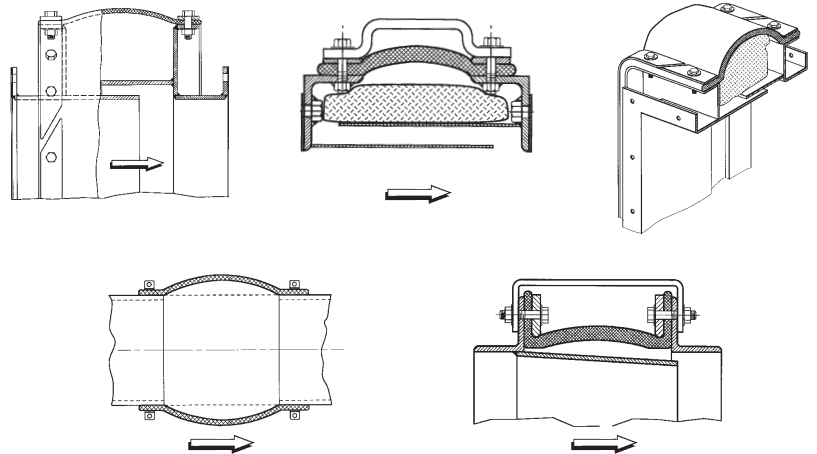
FLEXFAB NIAGARA inc. Units are mainly used in air & flue gas ducting systems in:

- air pollution control equipment
- transmission and distribution in energy generation
- industrial process plants
- natural gas and oil transmission - including off-shore drilling platforms.

The technical calculations of FLEXFAB NIAGARA inc. designs are based on recognized standards and carried out on our specially developed computer program and displayed on our CAD system.

Experienced and well-trained staff in the Project Department and in Production, combined with continuous R&D efforts - that is how we believe optimum solutions can be found for the manufacturing of fabric composite bellow expansion joint assemblies.

MAXIMUM TEMPERATURE -60° +1800°F													
MAXIMUM PRESSURE + 1 PSI													
°C	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
Temperature													
Air	L70	L200	L350	L450	L550	L700	L1000						
Flue gas	R250		R350	R450	R550	R700	R1000						
°F	32	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	



FNI's mission is to deliver expansion joint solutions that are DESIGNED TO LAST A LIFETIME.



A VERSATILE PRODUCT RANGE

FLEXFAB NIAGARA inc production consists of fabric composite bellows attached to steel support frames for axial, lateral or angular movement control, as well as special service designs. The assemblies are supplied ready to be installed.

Fabric Bellows are supplied in single or multiple layer composite construction with a variety of advanced technical fabrics to suit service conditions and temperatures including: SS316 and INCOLOY wire mesh, glass and ceramic woven and felt insulation, PTFE and Fluoroplastic films, and various elastomers.

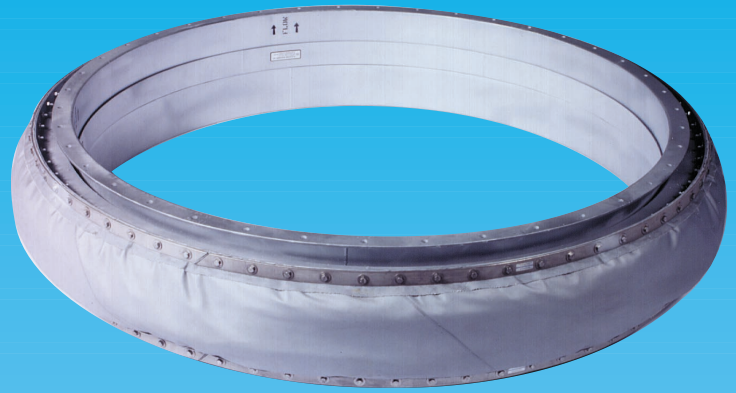
Steel support frames are generally fabricated from the same material as the connecting equipment including all available North American and European carbon, alloy and stainless steels.

QUALITY ASSURANCE BY RECOGNIZED STANDARDS

FLEXFAB NIAGARA inc's quality system is based on ISO 9001. This means that the system includes all links starting with sub vendors through selection and inspection of materials to engineering, production, packaging and site supervision and service. We continuously strive to refine and further develop our system as it is essential for the company to be able to document product compliance with specified requirements.

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