

*Keeping you safe and comfortable in the sky*





We understand Airworthiness from deep inside!  
This understanding of Airworthiness enables us to meet  
the special requirements of aerospace customers.

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**Stock program for aircraft interior  
refurbishment industry (ready-to-ship)**

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**Customised product development for  
seat cushion designers and manufacturers**

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**Acoustic and thermal insulation foams  
for ceiling and wall linings**

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**Block foams and moulded cushions**

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**Compliant with stringent aerospace standards of Fire, Smoke & Toxicity**

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**Graphite impregnated**

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**Thermal and Acoustic Insulation**

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**Neemfresche Anti-Microbial for mould and odour protection**

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**How is “Aerosafe” foam different from existing aviation foams?**

- Consistent quality - using variable pressure foaming
- Cost competitive - due to scale of production
- Complies with all test specifications
- Shorter lead time
- Smaller MOQ
- A Sophisticated R&D laboratory for quick customisation
- Factories in India, Spain and Australia





The strategic collaboration between Sheela Foam Ltd and AeroChamp brings together diverse domain expertise to create Aerosafe foams and cushions, a specialized product line for the aerospace industry.

By combining Sheela Foam’s more than 50 years global technical expertise in foam manufacturing with Aerochamp’s proficiency in aerospace interiors, Aerosafe foams and cushions have been developed to meet the stringent requirements of the aerospace industry. These products are designed to enhance comfort, safety, and durability in aerospace applications.



Airworthiness  
at Heart and R&D  
in the core – rely on us  
for all your Aerospace  
foam and cushion  
requirements.

## Aerospace compliance matrix

Vertical burn test .....	<input checked="" type="checkbox"/>
Horizontal burn test .....	<input checked="" type="checkbox"/>
Angular burn test .....	<input checked="" type="checkbox"/>
Smoke density test .....	<input checked="" type="checkbox"/>
Toxicity test .....	<input checked="" type="checkbox"/>
Absorption & desorption test .....	<input checked="" type="checkbox"/>
Density test .....	<input checked="" type="checkbox"/>
HRR test .....	Compliance Ready

We can also develop customised foams to meet special requirements.



## ***Sheela Group***

- More than \$ 700 million entity with footprints in India, Australia & Spain
- Pioneers of Polyurethane foam in India since 1971 with 35% share of Indian market and exporting to more than 18 countries
- Largest supplier of PU Foam to Indian Railways and Auto Industry
- Pioneers in Variable Pressure Foam (VPF) - the world's most environment friendly foam manufacturing
- Sheela Foam Corporate Office in Noida (India) is a LEED Platinum certified facility
- Sheela Foam brands are synonymous to quality, comfort, good sleep and top-of-the-line technical applications

Indian brands:	 <b>Sleepwell</b>	 <b>kurlon</b>	 <b>FURLenco</b>	 <b>Staqa</b>	 <b>Sleepwell Foundation</b> Wake up to a New India
International Subsidiaries:	 <b>Joyce</b>	 <b>interplasp</b> espumas de poliuretano	International Consumer Brand:	 <b>SPRING AIR</b> THAT JUST RIGHT FEELING	

## ***AeroChamp - Aircraft Interior Specialist***

- With its domain expertise and vast experience in aircraft interiors, AeroChamp specialises in Aerospace material development and certification
- As a design organisation (DOA), AeroChamp has introduced many innovative products in compliance with airworthiness requirements



Internationally Accreditation with USA EPA, Oeko-Tex and ECHA.

Neemfresche is a new generation Broad Spectrum microbial control solution based on Quaternary Ammonium Compounds with QUAT LOCK technology developed in technical collaboration with Fresche Bioscience Melbourne Australia. It delivers efficient, long-term microbial odour, mildew and mould control.

Completely safe for people, pets, plants and planet.

Recommended for high-use applications like Aircraft passenger and crew seats.



Advanced - broad range of  
Antimicrobial Protection



Free from silver ions  
& thiabendazole



Durable & Long  
Lasting



Greener  
Technology

# Leading the science of comfort in three continents

Over 23+ benchmark manufacturing plants in Europe  
and the Asia Pacific. Among the most R&D driven foam  
manufacturers in the world.







## *The World's most advanced foam making technology, gives you:*

### Superior Physical Properties

- Improved physical properties of foam which imparts greater level of comfort
- Improved durability with Compression set 50% lower than conventional foams

### Environmental Safety

- VPF-V is a closed chemical reactor that produces zero emissions. The reaction gases given off during the foaming process are fully contained, fully treated by activated carbon
- Virtually zero emissions - No auxiliary blowing agents. No VOC's
- VPF-V exceeds the most stringent environmental regulations worldwide



#### **SHEELA FOAM LIMITED**

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