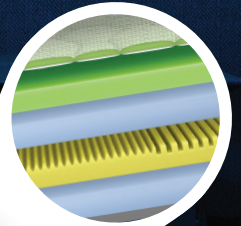


SPECIALIZED FOAM FOR

Mattress



Foam plays a crucial role in modern mattresses by delivering exceptional comfort, support, and pressure relief. Advanced foam types—such as memory foam and high-resilience foam—are engineered to enhance sleep quality by conforming to body contours, evenly distributing weight, and promoting optimal spinal alignment.

We have invested in world leading technologies like Hennecke foaming machines and Variable Pressure Foaming (VPF). High pressure continuous foaming ensures precise metering, excellent mixing, and enhanced process control thereby eliminating risk of Off-Ratio foaming and delivering consistent quality, improved physical properties, absence of hazardous vapors or excess VOCs, and enhanced safety.

We invite industry professionals to partner with us in delivering customized comfort sleep solutions to their clients.

MAJOR APPLICATIONS

Mattress & Pillows

Mattresses – Pocket Spring, Bonnel Spring, Hybrids, PU Foam

Compressed mattress-in-box constructions

Pillows – Standard foam, Memory foam, Fibre pillows

Comforters, Toppers, and Protectors

Quilting foam with Germishield anti-microbial treatment

Headboard & Bed Frame Padding

Sofa-cum-Bed Cushions

Baby & Crib Mattresses

Hospital & Orthopedic Mattresses

RV and Caravan Bedding

CHARACTERISTICS

100% Pure Foam

All types of cushioning foam at one place

PU Foam safe for human use

Treated with Germishield – a long lasting, broad spectrum microbial treatment

Conforms to international RoHS & REACH standards.

Profiled foam for pressure re-distribution and air management

R&D and production capability to meet any specification in slab stock foams.

Available in multiple densities and firmness levels

High durability with long-lasting comfort

Customizable sizes and profiles for specific mattress designs



GRADES & SPECIFICATIONS

Grades	Density (kg/m3)	Tensile Strength (kgf/cm2)	Elongation % (kg/323 cm2 at 50%)	Hardness	Resilience %
FF23	23±2	≥1.0	≥150	28±4	≥38
FF28	28±2	≥1.0	≥150	32±4	≥30
FF32	32±2	≥1.0	≥150	34±4	≥30
FF40	40±2	≥1.0	≥170	36±4	≥40
FF50	50±2	≥1.1	≥180	38±4	≥40
SOFT FOAM					
FF Soft	21±2	≥0.70	≥150	13±4	≥40
FF Soft HD	30±2	≥0.80	≥180	14±4	≥45
HIGH RESILIENCE FOAM & MEMORY FOAM					
HR 30	30±2	≥1.0	≥180	33±4	≥50
HR 35	35±2	≥1.0	≥180	33±4	≥50
HR 45	45±2	≥1.0	≥190	34±4	≥60
Memory 45	45±2	≥0.80	≥220	7.5±4	≥25
Memory 60	60±5	≥0.70	≥240	13±2	≥30
SUPER AIR CIRCULATION FOAM					
Reticulated 24/20	241±2	≥1.10	≥135	38±4	≥36
Reticulated 40/40	40±2	≥1.0	≥110	64±4	≥36
SPECIAL FOAM FOR QUILTING					
QRV	13±1	≥0.6	≥150	10±4	≥38
RQRH-16 D	16±1	≥0.6	≥100	16±4	≥35

ABOUT SHEELA FOAM

Sheela Group is a \$500 million entity with footprints in India, Australia & Spain.

India's No.1 PU foam manufacturer with 30% Slabstock market share and exporting to 18 countries.

India's largest mattress producer – 1.5 million units per annum

Operates 17 facilities in India

Produces 60,000 tonnes of PU foam per annum

Dedicated R&D Lab

Pioneers of eco-friendly Variable Pressure Foaming (VPF) technology

110+ distributors, 5,000+ dealers, 80,000 upholsterers' network.

Trusted by leading brands in Footwear, Automotive, Railways, Apparel, Furniture and Mattress industry.



SHEELA FOAM LTD.

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