

SPECIALIZED FOAM FOR FURNITURE



In pursuit of excellence to provide comfort foams we have invested in world leading technologies like Hennecke foaming machines and Vertivac -in which all components across all viscosity ranges are precisely metered and output settings are exactly reproducible.

We are the pioneers of Vertical Variable Foaming VPF- V process that produced round foam blocks by continuous moulding process. This process is capable of making a range of PU foams that replace polyester fibre in quilting. Foams with great levels of comfort, Higher Durability with compression set values 50% lower than conventional foams and importantly Virtually zero emissions - No auxiliary blowing agents, No VOC's.

Above technologies enable us to create not just regular but Innovative Foam products that are unique in nature, innovatively meet various comfort needs. Our range includes Viscoform memory foam, Hygroflex that conforms to shape and is yet has high resilience, Flame retardant foams, Hypersoft foams with cloud like soft experience, Breathable and quick dry Dricell Reticulated foams and Gel infused cool foams are all about giving extraordinary comfort experience to end users .

We to ensure exceptional service to our customers giving wide range of quality products at amazing turnaround speed.

CHARACTERISTICS

- 100 % Pure Foam
- PU Foam safe for human use
- Conform to international RoHS & REACH standard
- Profiled Foam for pressure re-distribution and air management
- BS 5852, CA 117, UL-94 standard foams for furniture
- Extra soft to match the Europe style furniture category

ABOUT SHEELA FOAM

- A Market Leader in Polyurethane (PU) Foam with pan India presence
- 10 Manufacturing Plants in India
- 6 Manufacturing Plants in Australia, 1 in New Zealand & 1 in Spain
- Equipped with state of the art HENNECKE Foaming machines
- Pioneers in Vertical Variable Pressure Foaming (VPF) – World's most environmentally responsible foam manufacturing.
- Top-of-the-line technical product ranges used in various industry applications
- In-house R&D lab to develop PU foam based solutions
- Supplying globally to many countries

MAJOR APPLICATIONS

• Mattress • Sofa-Sets • Chairs • Benches • Ottoman • Upholstery of Furniture • Quilting • Carpet Underlay



GRADES & SPECIFICATIONS

Grades	Density (kg/m ³)	Tensile Strength (kgf/cm ²)	Elongation % (kg/323 cm ² 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
FLAME RETARDANT FURNITURE FOAM					
535CM5 (BS:5852)	35±2	≥0.7	≥80	28±4	≥40
FR 28 (CA117 TRIS Free)	28±2	≥0.8	≥100	26±4	≥30

SHEELA FOAM LTD.

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