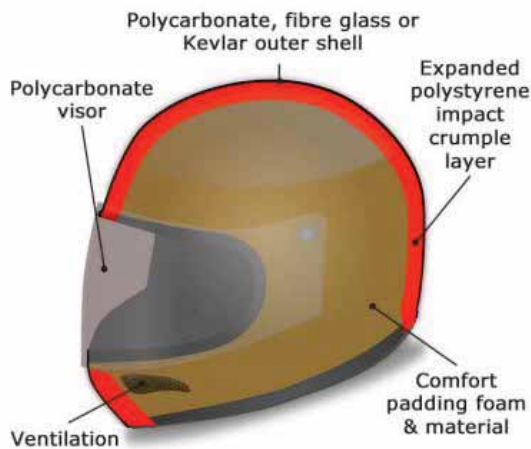


# MANUFACTURER OF PU FOAM FOR HELMET AND PAINT ROLLER



## CHARACTERISTICS

- 100% pure foam
- Competitive prices
- Conforms to international RoHS & REACH Standard FMVSS-302 Standards
- A perfect medium for flame and glue lamination with various normal and technical textiles or leather
- Free from cancer causing chemicals like Mercury, Lead, Cadmium, Chromium and environment pollutants like PBB and PBDE's

## MAJOR APPLICATION

### Helmet Interior:

- A soft or padded lining for a helmet
- Helmets are constructed from an inner EPS "Expanded Polystyrene foam"

### Cheek Pad:

- Motorcycle helmet cheek pads are available both as a replacement for the original pads but more importantly as a modifier to the fit of the helmet.
- The inner padding layer of the motorcycle helmet is one of the important components that control the factors of comfort upon wearing the helmet and provides a perfect fit and stability of the helmet on the head.

## 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
- R&D in-house lab to develop PU foam based solutions
- Supplying globally in many countries

## Paint Roller - Painting Solution:

The benefit of using foam is that it absorbs liquids easily and when the outer surface of the foam is smooth, it redistributes that same liquid evenly. In the painting world, thin paints absorb well, so varieties like water-based paints and latex work ideally with foam rollers.

### Nap rollers Vs Foam rollers:

- Nap rollers are made up of numerous fibers or strands.
- Foam paint rollers offer a budget alternative to traditional rollers and are specifically helpful with certain kinds of painting jobs.

Why foam rollers are most commonly used for interior or exterior painting work?

### Characteristics:

- 1. For Smooth Surfaces**
  - It finely absorbs paint and creates smooth flat surface.
  - Glides along over wall and dispenses paint evenly
- 2. Thinner Paints:**
  - The foam roller absorbs thin liquids easily and redistributes the same evenly.
  - Ideal for water-based paints and latex work.
- 3. Large Surface:**
  - Foam rollers are highly absorbent
  - It takes in a larger volume of paint than a traditional roller.
  - Best tool suited to cover a lot of surface
- 4. Matched Width Trim:**
  - PU Foam matches with trim roller
  - Increased accuracy in trim roller while painting even in small area



## HELMET GRADES & SPECIFICATIONS

Grades	Density (Kg/m <sup>3</sup> )	Tensile Strength (Kgf/cm <sup>2</sup> )	Elongation %	Hardness @ 50% Compression (Kgf/323 cm <sup>2</sup> )	"Resilience %"
FF 23	23±2	>= 1.0	>= 150	28±4	>= 38
FF28	28±2	>= 1.0	>= 150	32±4	>= 40
FF 32	32±2	>= 1.0	>= 150	34±4	>= 40
SSF	21±2	>=0.70	>= 150	15±4	>= 40
SSF-HD	30±2	>=0.70	>= 180	16±4	>= 45
VR 45	42±3	>=0.5	>= 150	8±4	<= 10
18 LP	18±2	>= 1.0	>= 140	28±4	>= 27

## PAINT ROLLER GRADES & SPECIFICATIONS

30HF	30±2	>= 1.0	>= 80	55±5	>= 30
S28/10	28±2	>= 0.8	>= 90	30±4	>= 22

**Certification: SGS Certified-** RoHS test report as per directive (EU) 2015/863 available from recognized testing authority SGS

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