

Polytek Synergy Ltd. operates a Polyurethane System House in India. The Company work on developing advanced customized PU Systems to create Rigid, Flexible, Microcellular elastomer, Integral Skin and Wood Imitation Polyurethane Foam.

In house Raw material manufacturing capabilities as well as dedicated customer application & service centre, Polytek Create itself as a Reliable & Long Term Partner in this extremely service oriented business of Polyurethane.

State of the art technology, integration of various operation : manufacturing process, quality standards, logistics, technical services ensures consistency in supporting all the customers needs.

POLYFOOT range of Polyurethane systems for PU Shoe soles, PU sandals, mid soles and Safety shoes segments.

POLYFLEX range of Polyurethane systems with variants MDI from medium density to high density foam for Automotive seats, Moulded furniture, high resilience foam for four wheelers and two wheelers seats, air filter, integral skin foam applications. j

POLYPUFF range of Polyurethane systems for Puff Insulation Thermoware, Refrigeration, Air conditioning systems, continuous and discontinuous panels, Spray foam, decorative photo frames, block, pipeline etc.

POLYBOND range of polyurethane for solvent based, solvent less and water based adhesive. Lamination of plastic films to other plastic films i.e. metallized films, foil, paper, board etc.

POLYCAST range of polyurethane for casting polyurethane are widely used for the manufacturing of low speed tyre field of golf courses, toy cars, carts etc.

POLYNATE range of polyurethane system as isocyanate component. Polynate are widely used for producing rigid foam, high resiliency foam, air filter, integral skin foam, shoe soles and binder for rebonded foam.



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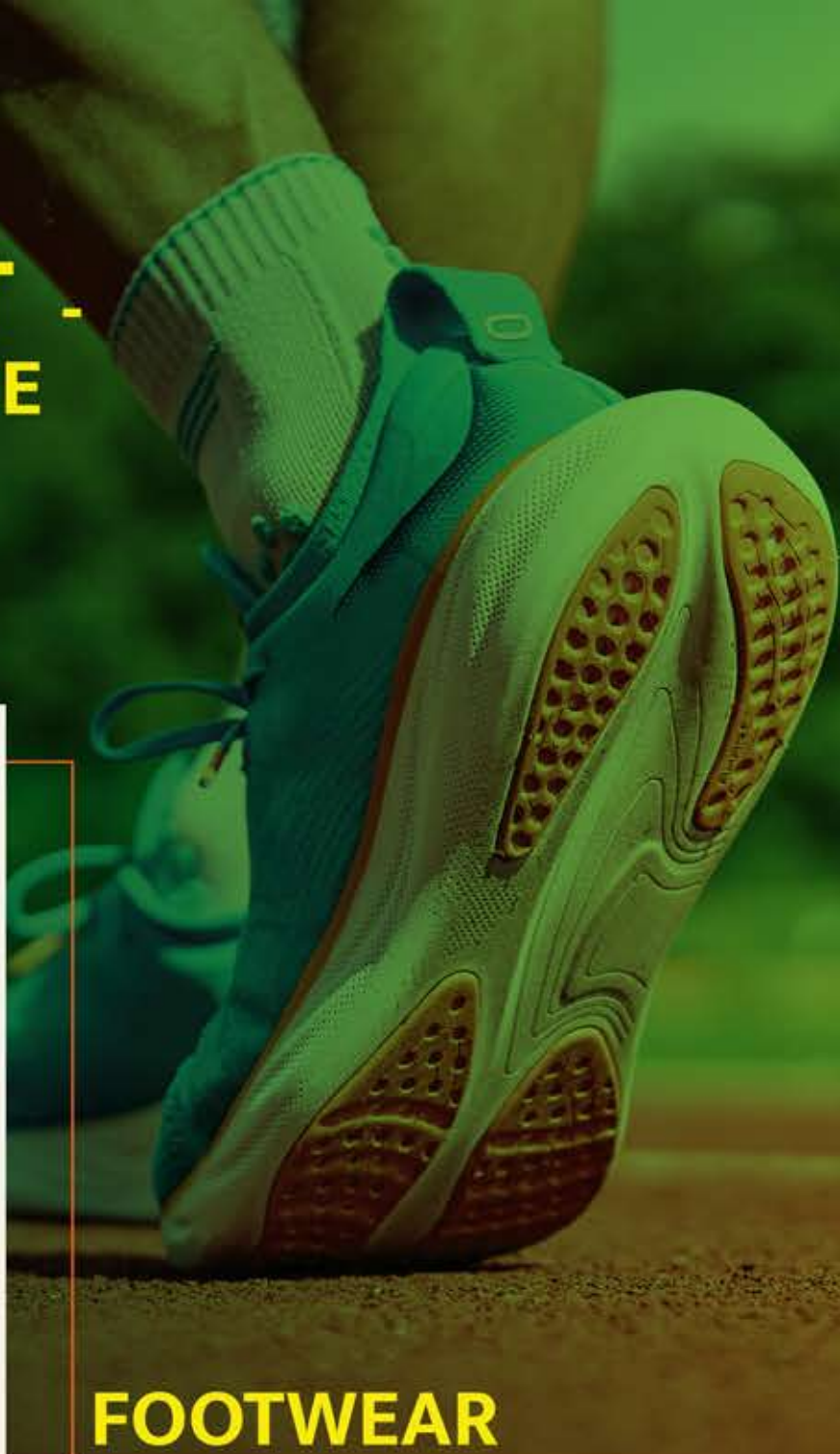
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POWERING EVERY STEP
PU SYSTEMS FOR FOOTWEAR
POLYETHER BASED & POLYESTER BASED

POLYFOOT - POLYURETHANE SYSTEMS

POLYFOOT PU System is one of the world's most versatile polyurethane systems designed specifically for the footwear market in accordance with key individual market segments.

POLYFOOT Systems are synonymous with latest innovation & technology to offer freedom of design and ease of processing for production of sandals, unit sole and shoes time and time again. Polytek offers following customized solutions to cater the needs of Indian Footwear customers.



FOOTWEAR

- Sandal / Slippers
- Footbed / Breathable insoles
- Unit Soles : Single & Dual Density Island
- Safety Shoes & Boots
- Mid Soles : Sports & Casual Shoes
- Golf Shoes

POLYETHER SYSTEM

| Product | Density (Kg/m3) | Hardness (Shore A) | Application |
|-----------------|-----------------|--------------------|----------------------------|
| POLYFOOT FW 410 | 360-400 | 48-54 | Classic Sandals / Slippers |
| POLYFOOT FW 412 | 360-400 | 44-48 | Low Hardness Sandals |
| POLYFOOT FW 421 | 320-360 | 25-35 | Footbed / Insoles |
| POLYFOOT FW 430 | 500-550 | 52-58 | Classic Unit Soles |
| POLYFOOT FW 431 | 480-540 | 56-64 | High Hardness Unit Soles |
| POLYFOOT FW 432 | 580-620 | 55-60 | Premium Unit Soles |
| POLYFOOT FW 441 | 950-1000 | 40-45 | Island System |



UNIT SOLES



INSOLES



MIDSOLES



SAFETY SHOES



SANDALS & SLIPPERS

POLYESTER SYSTEM

| Product | Density in Kg/m3 | Hardness (Shore A) | Application |
|-----------------|------------------|--------------------|---------------------------------|
| POLYFOOT FW 241 | 360-400 | 52-58 | Sandals / Slippers |
| POLYFOOT FW 243 | 360-400 | 48-52 | Low Hardness Sandals |
| POLYFOOT FW 230 | 500-550 | 52-58 | Classic Unit Soles |
| POLYFOOT FW 231 | 480-540 | 56-64 | High Hardness Unit Soles |
| POLYFOOT FW 232 | 580-620 | 55-60 | Premium Unit Soles (Golf Shoes) |
| POLYFOOT FW 261 | 500-550 | 52-58 | Safety Shoe Soles |
| POLYFOOT FW 262 | 480-540 | 56-64 | High Hardness Safety Shoe Soles |
| POLYFOOT FW 263 | 580-620 | 55-60 | Premium Safety Shoe Soles |