

360° TOOLBOX



DIGITAL 3D MOLD MANUFACTURING



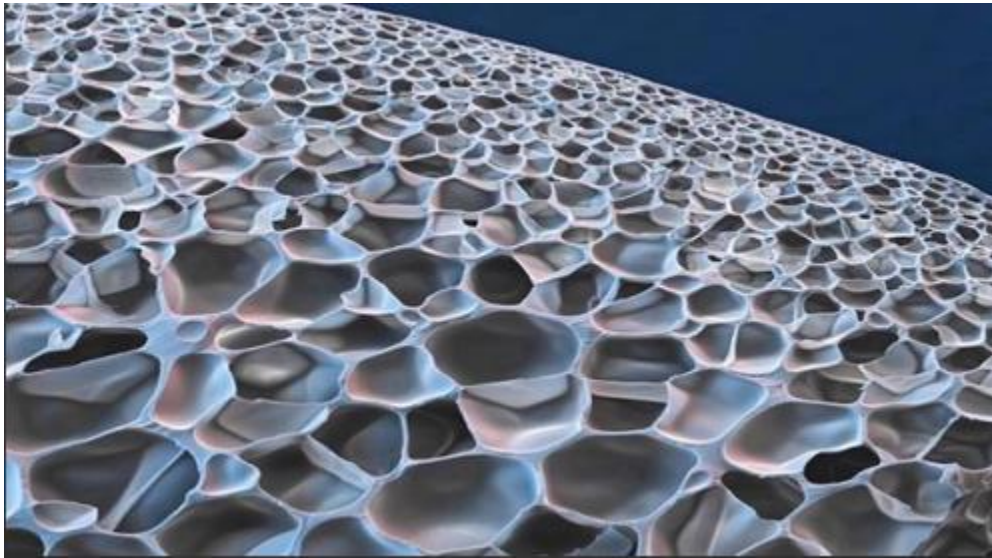
CNC CASTING PROCESS



DIGITAL MOLD PROCESS



CURVED DESIGN & NO DESIGN LIMITATION



3D TEXTURE PRINTED DIRECTLY IN THE MOLD



DIGITAL 3D MOLD MANUFACTURING



SUSTAINABLE PROCESS

- No chemicals
- -40% energy consumption



EFFICIENCY

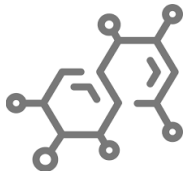
- Sample mold availability in 3-5 days vs. 10-15 days
- Production mold availability 7-15 days vs. 25-45 days



CONFIDENTIALITY

- Lightweight & removable core fore separate storage

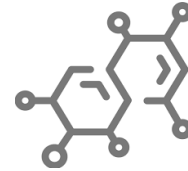
MIDSOLE TECHNOLOGY



PBDMS(Polyborosiloxane) FOAM

Features:

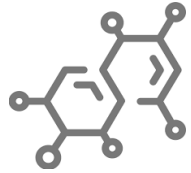
- Enhanced rebound
- Energy & shock absorption
- Lightweight
- Better abrasion
- Very soft feeling
- Great tenacity



Modified Graphene + Thermoplastic polyolefin FOAM: With and w/o air bubble

Features:

- Enhanced rebound
- Lightweight
- Light transmittance
- Black/white colour only



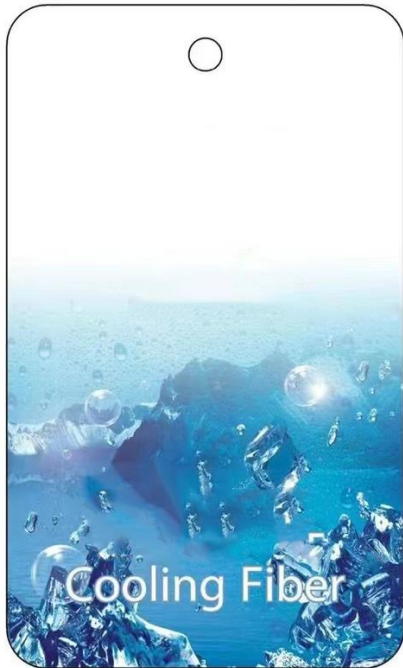
NITROGEN FOAM

TPU (Thermoplastic Polyurethane Elastomer)

Features:

- Hardness: softer (40-46 degrees);
- Density: super light (<math><0.16 \text{ g/cm}^3</math>, normal phylon <math><0.27 \text{ g/cm}^3</math>)
- Low Compression set <math>< 40\%</math> (normal phylon <math><65</math>)
- Good rebound resilience >55%.

COOLING FIBRE TECHNOLOGY



Features:

- Cooling effect of 2.5-3.0°C achieved through material treatment
- Treatment on natural and synthetic fibres
- Product can be washed 15x and at least 3 month wearing without any loss of effect

SUSTAINABLE CONCEPT



5D EMBOSSMENT TECHNOLOGY



Features:

- No overlays and stitching for enhanced fitting → No impact on the overall look/impression/quality
- No manufacturing waste
- Max 6 colors can be printed
- Production efficiency → price advantage
- Process can also be applied on PU materials