HEAVYWEIGHTS IN FOAM

W. KÖPP – YOUR EUROPEAN MANUFACTURER

SUPPLY YOU CAN RELY ON

NEW 2026
High-density EVA & PE in a wide range of densities and colours e.g. for orthopaedic applications >>>



AI-generated

KÖPP
experts in foam

MADE IN EU

EPDM | NR | CR | NBR | PE | EVA

WALK OF FOAM

VISIT US AT FOAM EXPO 2026
10–12 NOVEMBER
STUTTGART | GERMANY

BOOTH **520**

HIGH-DENSITY EVA & PE FOR ORTHOPAEDIC APPLICATIONS

Material properties play a key role in orthopaedic technology. With closed-cell EVA and PE foams available in a wide range of densities, Shore A hardness levels and colours, KÖPP offers suitable solutions for applications ranging from insoles and orthoses to prosthetic covers.

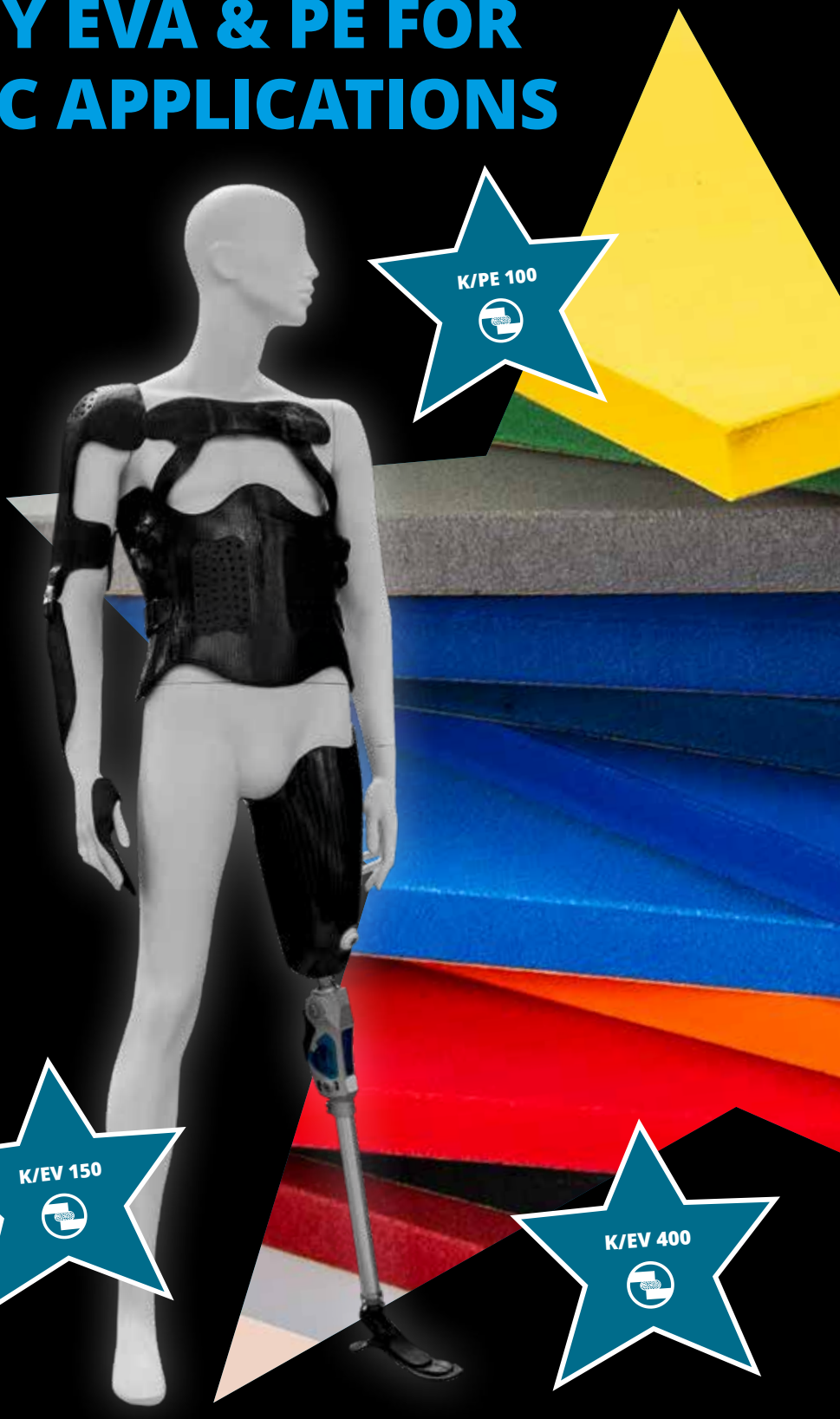
The materials combine effective cushioning, comfortable pressure distribution and reliable support with good resilience and dimensional stability.

YOUR ADVANTAGES:

- A wide choice of densities and colours
- Excellent thermoformability
- Easy and variety machining under the right machining conditions
- Closed-cell, non-absorbent structure
- Tear-resistant and long-lasting
- Tested skin compatibility, compliance with Oeko-Tex standards
- Reliably available

APPLICATIONS:

For insoles, orthoses, prosthetic covers, padding and other orthopaedic components.





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MORE CHOICE. NOW ALSO IN PE.

Different applications require different combinations of cushioning, support, hardness and processability. KÖPP offers EVA qualities ranging from K/EV 50 to K/EV 400, complemented by a broad selection of PE foams.

NEW: PE AND EVA IN DIFFERENT DENSITIES AND COLOURS

KÖPP now also manufactures PE foams in a wider choice of densities and colours. This opens up additional options for orthopaedic applications and makes it easier to select the material according to the required support, cushioning and appearance.

At a Glance:

Bulk densities of 100, 120, 140, 170, 200, 250, 300, 400 kg/m³ in PE and EVA, each available in countless colours.

Hardness levels from Shore A 15 to 60.

LARGE MATERIAL DIMENSIONS

Closed-cell EVA and PE foam blocks are available in thicknesses of up to 110 mm, providing greater flexibility for thermoforming and machining components directly from the block.

BEYOND ORTHOPAEDIC APPLICATIONS

KÖPP's portfolio also includes further high-density grades developed for other applications, such as boat fenders and cleaning brushes used in car and truck washes.

EPDM-2000 *SEMI-OPEN CELL*

EPDM-2000

EPDM SC-W

SMART MATERIAL, CONTINUOUS EFFICIENCY

The new EPDM-2000 series combines the positive properties of open cell and closed cell foams:

- Seals precisely to any unevenness
- Ensure reliable sealing even under varying pressures
- Provide long-term durability and acoustic benefits

Wherever seals face demanding conditions – for example in automotive dashboards, construction or technical assemblies – EPDM-2000 delivers reliable sealings.

CONTINUOUS ROLLS – WITHOUT JOINTS

For the first time, EPDM-2000 is also available as continuous rolls up to 20 metres length – completely without joints.

YOUR ADVANTAGES:

- Significantly better material utilisation
- EPDM-2000 in various densities
- Consistent quality over the entire length
- Faster and smoother processing
- Available also as blocks or sheets, with or without adhesive

WATERTIGHT SEANLINGS WITH LESS MATERIAL

EPDM SC-W complements the portfolio as another semi-open cell cellular rubber. Thanks to its particularly fine cell structure, the material provides reliable watertightness even at low compression – enabling a significant reduction in material usage.



At a Glance:	EPDM-2070	EPDM-2100	EEPDM-2130	EPDM SC-W
Bulk density	70 ± 15 kg/m³	100 ± 20 kg/m³	130 ± 20 kg/m³	100 ± 15 kg/m³
Compression deflection	≥ 2 kPa	≥ 4 kPa	≥ 6 kPa (at 25%)	≥ 2 kPa

HIGH-DENSITY SPONGE RUBBER SHEETS

NEW

FLEXIBLE AND MECHANICALLY ROBUST

Sponge rubber sheets with densities from **300 to 800 kg/m³** are ideal for demanding sealing, damping and insulation applications. Their dense outer skin and high resilience combine flexibility with excellent mechanical strength.

YOUR ADVANTAGES:

- High resilience
- Reliable sealing at moderate compression
- Good vibration and shock damping
- Thermal and acoustic insulation
- Optional fabric lamination
- Made in Europe – consistent quality and reliability

VERSATILE IN USE

Sealing: housings, inspection covers and flange seals
Damping: flexible supports for machinery and equipment
Protecting: scratch and impact protection, case inserts and buffers
Insulating: thermal and acoustic separation

ADDED FUNCTIONALITY WITH 2X LAMINATED FABRIC

An additional fabric offers further benefits:

- **More tear-resistant and dimensionally stable** – reduces stretching and distortion
- **Improved sliding properties** – reduces surface friction
- **More pleasant surface** – for skin-contact applications or higher tactile and visual requirements
- **Improved bonding** – provides a good anchoring surface for adhesives

AT A GLANCE

Density: 300–800 kg/m³
Available: with or without fabric lamination
Applications: Sealing · Damping · Protecting · Insulating

BALANCED PERFORMANCE

MANUFACTURER · PROCESSOR · DISTRIBUTOR
KOEPPcell®
SPONGE RUBBER
MADE BY KÖPP

SUSTAINABILITY STARTS WITH THE MATERIAL

INNOVATIVE MATERIALS FOR A CLEANER FUTURE

For KÖPP, sustainable foam development begins with the material itself. EPDM and PE grades based on ISCC-certified raw materials and KÖPP's own in-house recyclate help conserve resources and reduce the product carbon footprint – without compromising proven performance.

PROVEN MATERIAL PROPERTIES

The more resource-efficient grades retain the appearance, feel and technical properties of the corresponding KÖPP standard materials. This makes it possible to choose a more sustainable alternative without fundamentally changing the application or processing method.

IMPRESSIVELY LOW EMISSIONS

EPDM-S LE has been developed for applications where particularly low emissions are essential. Its outstanding VOC and FOG results make it especially suitable for sensitive interior applications, including automotive interiors.

YOUR ADVANTAGES:

- ISCC-certified raw materials
- KÖPP's own in-house recyclate
- Reduced use of fossil resources
- Proven material performance
- More resource-efficient EPDM and PE options
- Particularly low VOC and FOG values available

VOC: 125 µg/g
FOG: 841 µg/g

At a Glance:	EPDM-L (ISCC-certified raw materials)	K/PE 30 (ISCC-certified raw materials)	EPDM-S LE
Bulk density	130 ± 20 kg/m³	30 ± 4 kg/m³	175 ± 25 kg/m³
Hardness	35 ± 6 Shore 00	50 ± 5 Shore 00	45 ± 8 Shore 00
Block dimensions	2.000 x 1.000 x 50/70 mm	2.100 x 1.200 x 110 mm	2.000 x 1.000 x 50 mm



ISCC International Sustainability & Carbon Certification

EPDM-HL
HARD NOT HEAVY

EXCEPTIONALLY FIRM, SURPRISINGLY LIGHT

Two years ago, we introduced **EPDM-X** at Foam Expo Europe – our approach to developing customized EPDM grades when no existing material fully matches a customer's requirements.

That is exactly how EPDM-HL was created. An automotive customer was looking for an EPDM foam combining high firmness with low weight. Together with the customer's project team we developed a material tailored to this specific challenge.

FROM CUSTOM DEVELOPMENT TO MARKET SOLUTION

What started as a customer-specific development has proven its potential beyond this initial application. EPDM-HL opens up new possibilities wherever stability, cushioning and weight reduction needs to come together.

At a Glance:	EPDM-HL
Bulk density	150 ± 25 kg/m³
Hardness	50 Shore 00
Block dimensions	2.000 x 1.000 x 50 mm

YOUR ADVANTAGES:

- High firmness at comparatively low density
- Reliable cushioning for demanding applications
- Developed from a real customer requirement
- Tailored material expertise based on EPDM-X

EPDM-HL

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MANUFACTURING EXPERTISE. SUPPLY YOU CAN RELY ON.

Reliable supply starts with European manufacturing. At W. KÖPP, manufacturing expertise means more than developing high-performance foam materials. It also means ensuring they are available when and where our customers need them.

With expertise across the entire supply chain, KÖPP continually develops new grades and solutions tailored to your requirements. In our modern production facility in Romania, we produce the complete KOEPPcell® range of cellular rubber and cellular polyethylene – real heavyweights in the world of foam.

WHY CUSTOMERS RELY ON KÖPP

- **Own manufacturing in Europe**
  Direct control over production, quality and capacity.
- **Reliable supply**
  A controlled European supply chain for dependable deliveries.
- **Manufacturing capacity**
  More than 18 production lines, over 200,000 blocks per year, and more than 12 splitting machines (F–K).
- **Consistent quality**
  Reliable processes, competitive pricing and dependable performance.

Whether for automotive, construction, packaging, medical technology or industrial applications, KÖPP combines manufacturing expertise with the supply reliability today's markets demand.

Our team is available for you in person at FoamExpo or at any time by phone, or e-mail.

LET'S HAVE A CHAT!

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