

PLIXXENT.

HIGH PERFORMANCE PU SYSTEMS FOR FOOTWEAR PRODUCTION

Lightweight PU systems for CO₂ dosing technology

At PLIXXENT, we have developed tailor-made polyurethane systems specifically for CO₂ dosing technology, enabling the production of lightweight, high-performance midsoles for modern footwear applications.



> 30% WEIGHT REDUCTION

in midsoles compared to standard PU midsoles.



LIGHTWEIGHT, FLEXIBLE SYSTEMS

for the best wearing comfort.



RELIABLE PERFORMANCE

Consistent cushioning, durability, quality, and processability.



CUSTOMIZED PU FORMULATIONS

designed for demanding applications from fashion to safety shoes.

#BetterTogether

Our expertise supports customers from concept to validation. At our technical center in Oldenburg, Germany, partners can work directly with our specialists and experience the technology firsthand.

Interested in exploring how CO₂-based PU systems can elevate your footwear solutions?

Visit us for technical discussions, live trials, and joint innovation. **Get in touch** to learn more or plan your visit.

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LIVE ON OUR MACHINE

Visit our technical center in Oldenburg, Germany, and see our CO₂ technology in action.