

g-sole PER D40

PER
D40

Specifications

g-sole
by getzner

Material mixed-cell PU elastomer
(polyurethane)
Colour pink

PLATES:

Standard delivery dimension

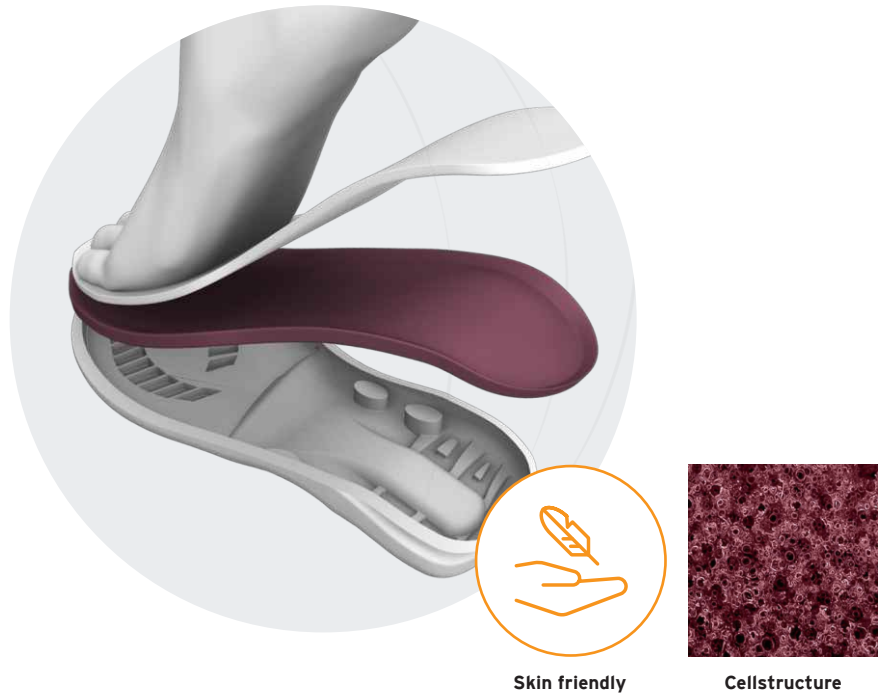
Thickness: 2 to 6 mm, 18 mm
Sheets: 1370 x 1200 mm

XL-REELS:

Standard delivery dimension

Thickness: 2 to 6 mm, 18 mm
Width: 1370 mm
Length: depending on thickness

Other dimensions on request.



Material properties	Test methods ¹	Value	Comment
Density (Mean)	ASTM D3574 Test A	21lb/ft ³ 340 kg/m ³	
Compression set ²	ASTM D3574 Test D	< 4 %	@ 50 % compression, 23° C (73.4° F), 72 h
Compression Force Deflection ²	ASTM D3574 Test C	18 psi 121 kPa	@ 25 % compression
Min. tensile stress at rupture	ASTM D3574 Test E	94 psi 650 kPa	
Min. tensile elongation at rupture	ASTM D3574 Test E	185 %	
Min. tear strength	ASTM D624 Test C	10.8 lbf/in 1.9 kN/m	
Loss factor	DIN 53513	0.07	
Rebound elasticity	ISO 8307	70 %	
Water absorption	ASTM D1056	13 %	
Operating temperature		-30 to 70° C -22 to 158° F	Short time higher temperature possible
Chemical resistance			There is an extra data sheet Chemical Resistance available.

¹ Tests according to respective standards

² The measurement is performed on a density-dependent basis with differing test parameters

All information and data is based on our current knowledge. The data can be applied for calculations and as guidelines, are subject to typical manufacturing tolerances and are not guaranteed. Material properties as well as their tolerances can vary depending on type of application or use and are available from Getzner on request. Further information can be found in VDI Guideline 2062 (Association of German Engineers) as well as in glossary. Further characteristic values on request. We reserve the right to amend the data. DB g-sole PER D40 en © Copyright by Getzner Werkstoffe GmbH | 02-2023

g-sole PER D40 Facts

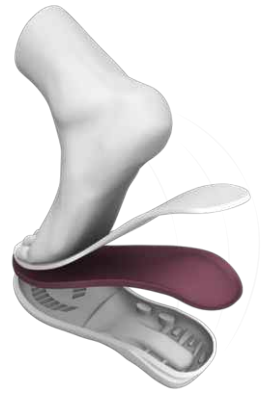
PER
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Damping and Dynamics - perfectly matching

g-sole is the new material for medical, recreational and performance insoles and midsoles. It's available in a variety of standard densities, thicknesses and colour options. g-sole provides long-term performance and individually adapted shock absorption in a highly durable material.

All g-sole materials are produced in an environmentally friendly way.



Advantages and benefits

- Developed for maximum performance
- High energy return
- Durable and resilient under pressure
- Withstands extreme environments

	MEDICAL				RECREATION				PERFORMANCE			
	C50	C40	C30	C20	C10	0	D10	D20	D30	D40	D50	
PRICE LEVEL		MED C45								PER D40		
			MED C25		REC C10		REC D05			PER D20		
CUSHION												
	DYNAMIC											

About Getzner

Elasticity is needed when it comes to comfort. Getzner Werkstoffe has more than 50 years of experience in the development of elastomers and offers sustainable solutions for vibration- and shock-related challenges - in industrial precision applications, in the railway sector and in construction. Our materials are long-term proven, performance tested and manufactured in Europe at our headquarters in Bürs, Austria.