



PERFECTLY ROUND

PRECISE. FAST. STRESS-FREE.
Balls · Fittings · Roll-ons





Thanks to a perfectly coordinated team and a wealth of experience, brand developers can have the first sample in their hands just 72 hours after kick-off.



**SMALL,
BUT FASTER.**



DIVERSITY IN SERIES.

A stack of white spheres of different sizes is shown on the left side of the image. The spheres are arranged in a way that they appear to be stacked, with the largest sphere at the bottom and smaller ones on top. The background is a solid blue color. The text is positioned to the right of the spheres.

Six materials in 23 different diameters: from lightweight hollow spheres made of RPP to precision-polished stainless steel. And for those who want something truly exclusive, we even offer spheres made of semi-precious stones.

STANDARD*BALLS

Material Diameter	Hollow plastic	Solid plastic	Steel	Glas	Semi-precious Stone
0,0787" 2,00 mm			✓		
0,156" 3,969 mm			✓		
0,157" 4,00 mm		✓			
0,187" 4,762 mm		✓			
0,275" 7,00 mm		✓	✓	✓	
0,280" 7,114 mm			✓		
0,295" 7,50 mm		✓	✓	✓	
0,315" 8,00 mm			✓		
0,393" 10,00 mm					✓
0,398" 10,10 mm			✓	✓	✓
0,400" 10,16 mm		✓	✓		
0,735" 18,67 mm		✓			
0,866" 22,00 mm		✓			
1,000" 25,40 mm	✓	✓	✓		
1,134" 28,80 mm	✓				
1,300" 33,02 mm	✓		✓		
1,400" 35,56 mm	✓		✓		

*This matrix provides only a rough overview of our range of standard products. We are of course happy to produce special solutions tailored to your individual requirements. Simply send us an enquiry.

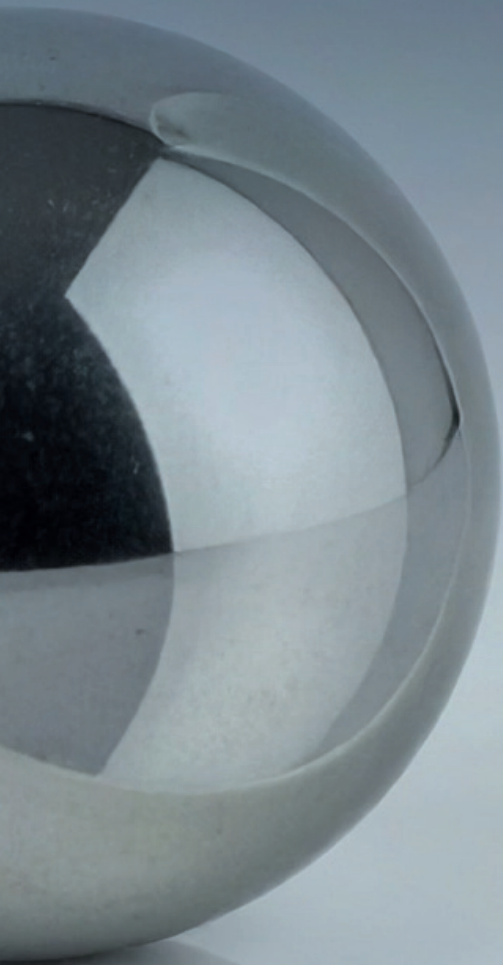
Email: sales@lorenzg.de or +49 (0)8171/340006

STANDARD*FITMENTS

Material Diameter	With inner seal	With outer seal	Radius	Edge	Solid color
0,0787" 2,00 mm					
0,156" 3,969 mm					
0,157" 4,00 mm					
0,187" 4,762 mm					
0,275" 7,00 mm					
0,280" 7,114 mm					
0,295" 7,50 mm	✓				
0,315" 8,00 mm					
0,393" 10,00 mm	✓	✓			
0,398" 10,10 mm	✓	✓			
0,400" 10,16 mm	✓	✓			
0,735" 18,67 mm					
0,866" 22,00 mm	✓				
0,996" 25,30 mm					
1,000" 25,40 mm		✓	✓	✓	✓
1,300" 33,02 mm					
1,400" 35,56 mm	✓	✓			

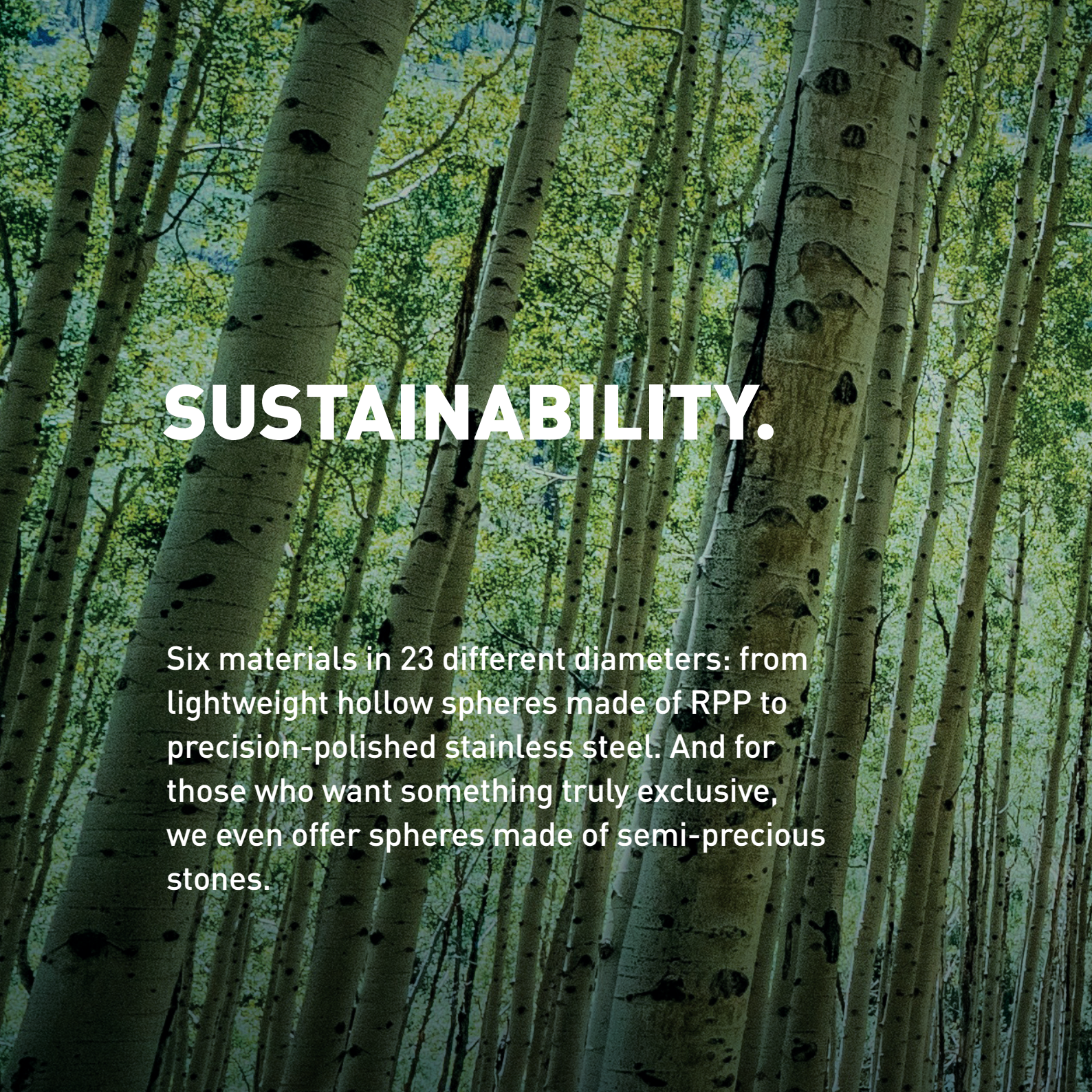
**PRECISION
YOU CAN FEEL.**





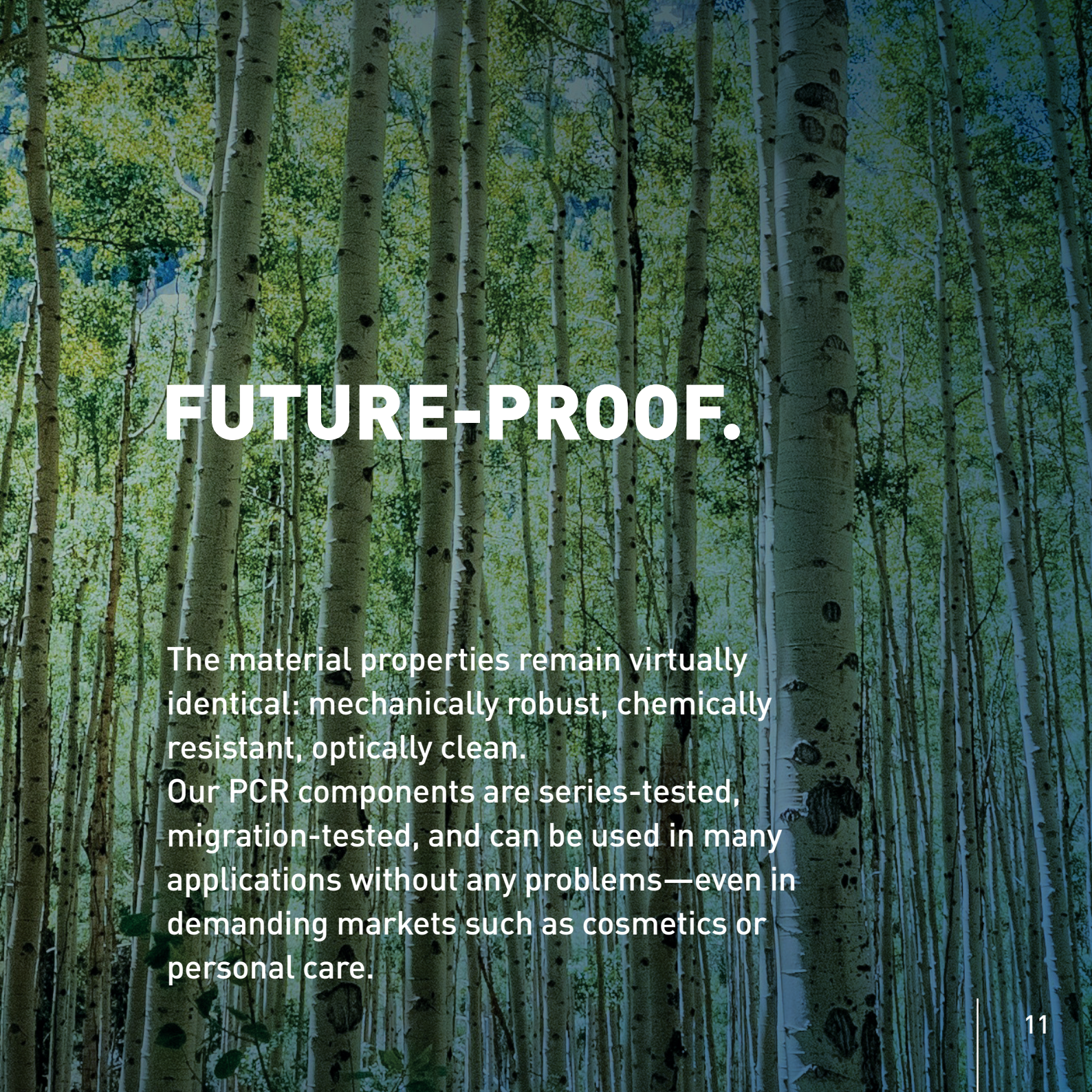
Surface roughness $\leq 0.1 \mu\text{m Ra}$ – smoother than a human hair.

The result: even product application, no skin irritation, and absolute tightness.



SUSTAINABILITY.

Six materials in 23 different diameters: from lightweight hollow spheres made of RPP to precision-polished stainless steel. And for those who want something truly exclusive, we even offer spheres made of semi-precious stones.



FUTURE-PROOF.

The material properties remain virtually identical: mechanically robust, chemically resistant, optically clean.

Our PCR components are series-tested, migration-tested, and can be used in many applications without any problems—even in demanding markets such as cosmetics or personal care.

A blurred background image of a laptop on a desk with papers and a pen.

CASE STUDY.

A close-up photograph of a person's hands. The left hand holds a white, sleek pen, poised to write on a tablet. The right hand is blurred, suggesting movement or a second task. The person is wearing a blue denim shirt. The background is a soft-focus indoor setting.

Global deodorant manufacturer saves 6% filling time thanks to custom-fit Lorenz G. ball Ø 19 mm full HDPE. In addition, the optimized ball surface reduced product loss by 4% and increased line availability because significantly fewer cleaning stops were necessary.



STRESS-FREE PURCHASE.



99.8% on-time deliveries, plus clear SPC reports – making tracking a breeze. You always have an overview, and your team can continue working with peace of mind.



PERFECTLY SEALED



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