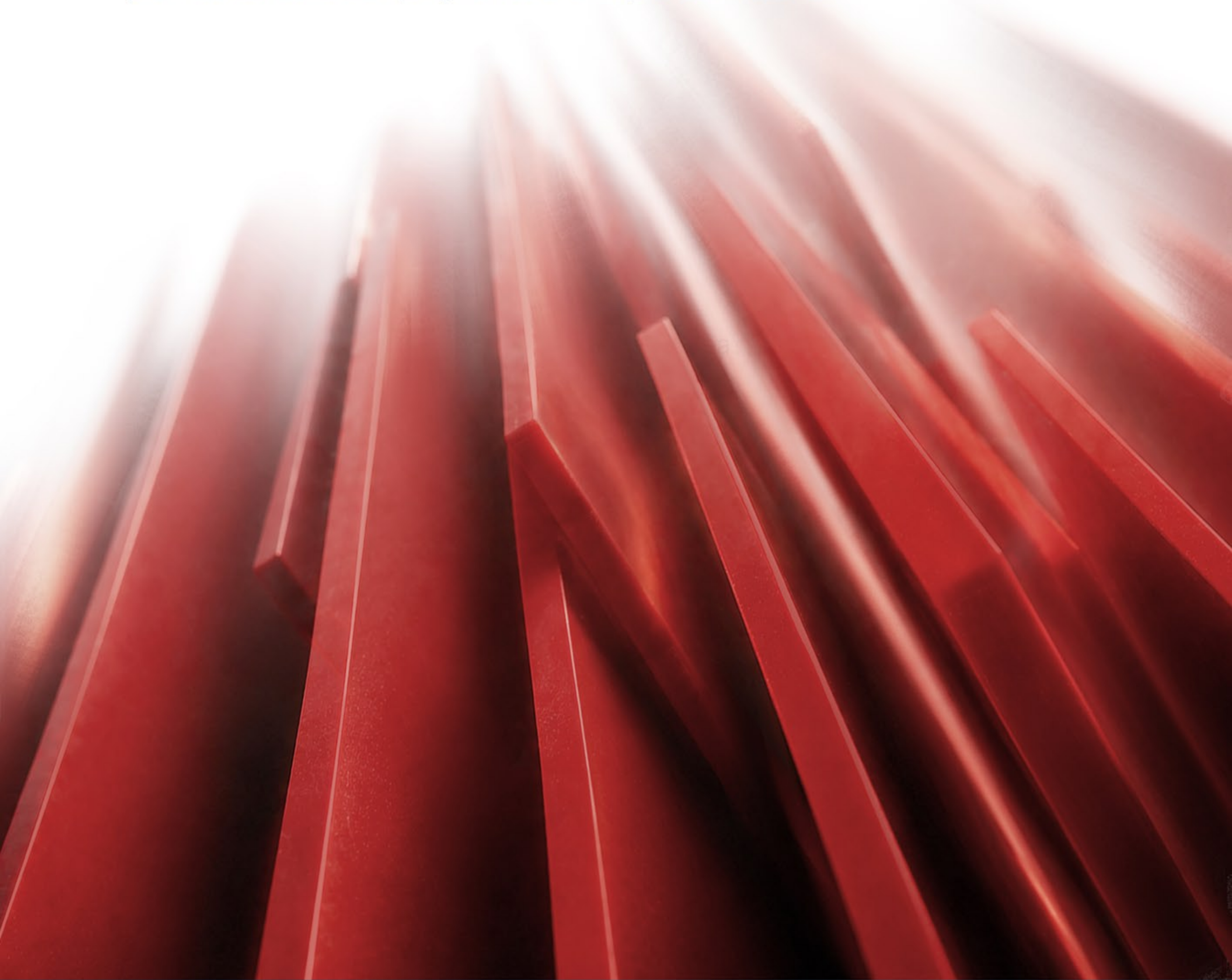




May 2026

Grips with **Vulkollan**[®] coating.
Making the difference.

Vulkollan[®] is a high-performance polyurethane elastomer. It is known for its outstanding wear resistance, high load-bearing capacity, and excellent elasticity. Grips with **Vulkollan**[®]-coated jaws provide a stable clamping force and improved friction.



Vulkollan® Coatings – High-Performance Surface Solutions

Vulkollan® is one of the most powerful polyurethane elastomers available on the market, engineered for extreme wear resistance, high load-bearing capacity, and exceptional elasticity.

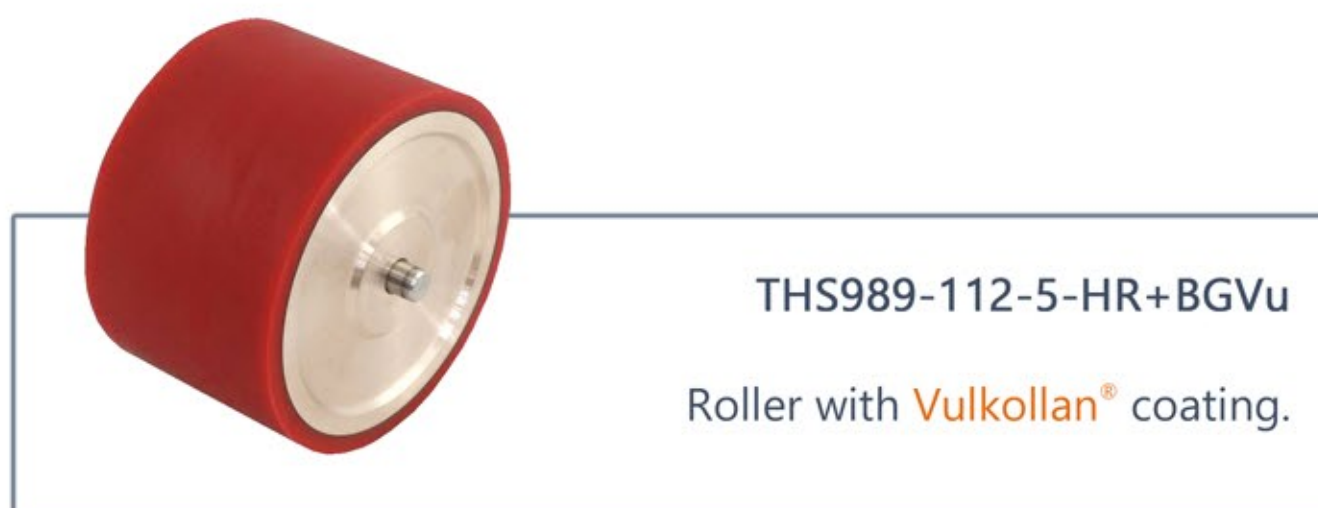
In materials testing, grips equipped with Vulkollan®-coated jaws offer critical advantages:

- High Friction Coefficient: ensures a secure hold and prevents specimen slippage.
- Specimen Protection: enables gentle clamping of sensitive surfaces without causing indentations or damage.
- Superior Durability: long service life, even when testing abrasive materials.

Technical Specifications (Vulkollan® Standard)

These values represent typical characteristics of Vulkollan® based on Desmodur® 15:

Property	Value	Unit
Hardness	80 / 90 / 95	Shore A
Density	Approx. 1.20	g/cm ³
Tensile	40 – 50	N/mm ²
Elongation at Break	500 – 600	%
Tear Propagation Resistance	50 – 65	N/mm
Abrasion Loss	35 – 45	mm ³
Temperature Range	-15 to +80 (short-term up to +110)	°C
Modulus (at 100% elongation)	6 – 12	N/mm ²

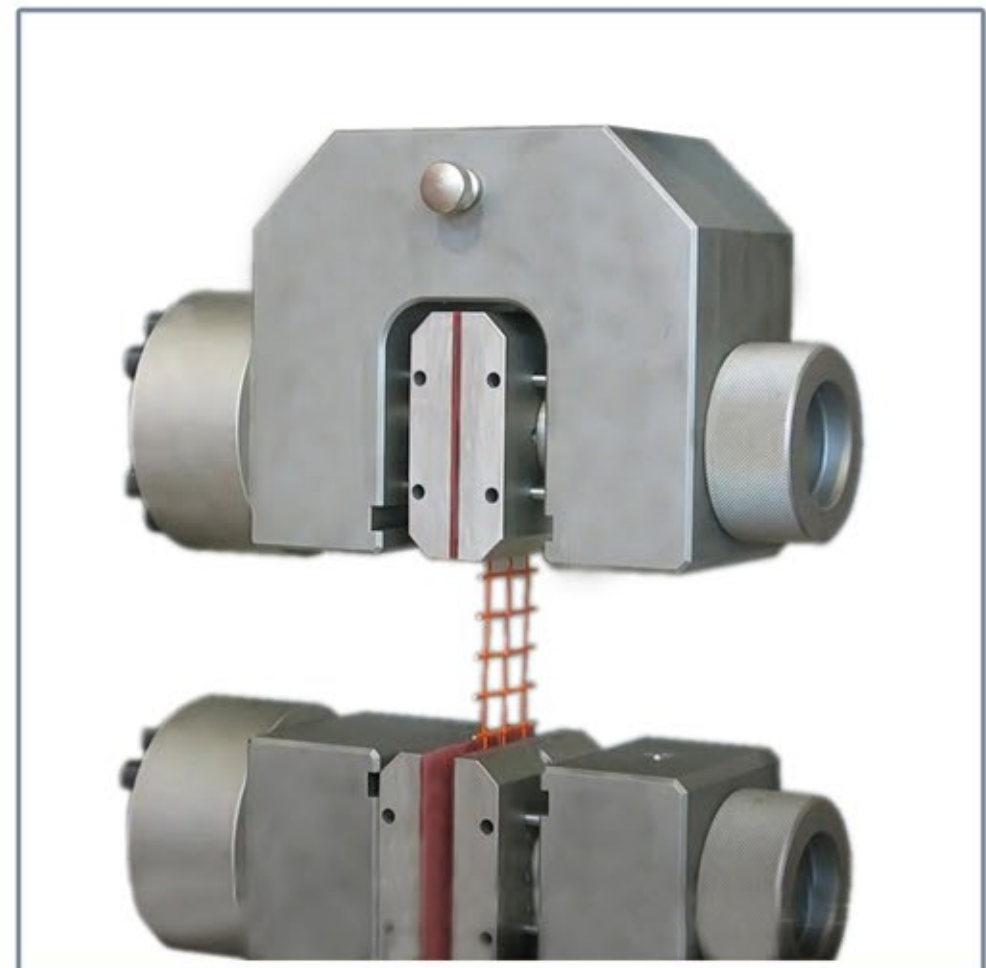


Custom Solutions

We offer the flexibility to coat almost any surface according to your specific requirements – perfectly tailored to your application.

TH76-1-Af20-Ko+BGVu

Pneumatic capstan rope grip with **Vulkollan®** coated jaws.

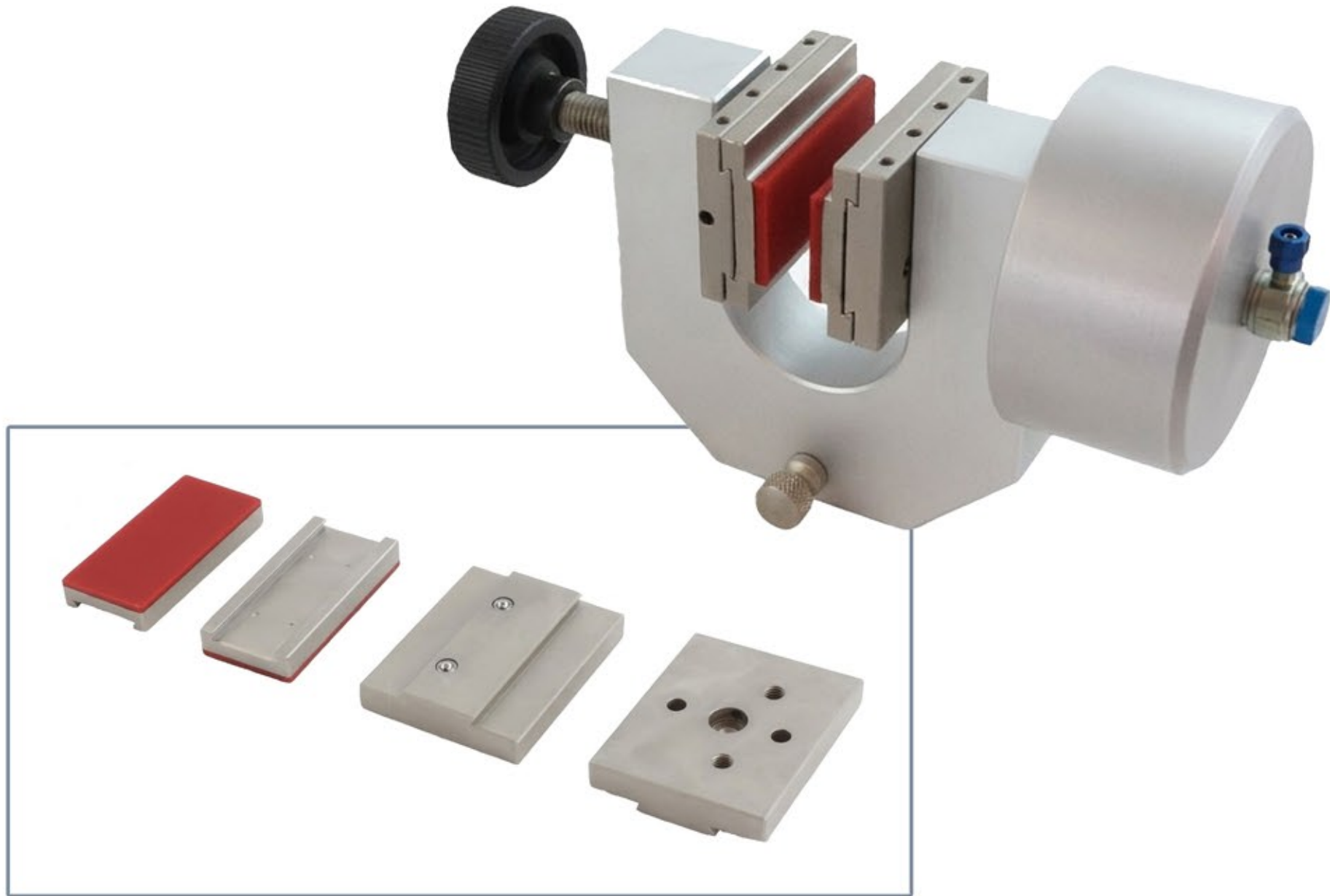


THS872-100+BGVu-H100

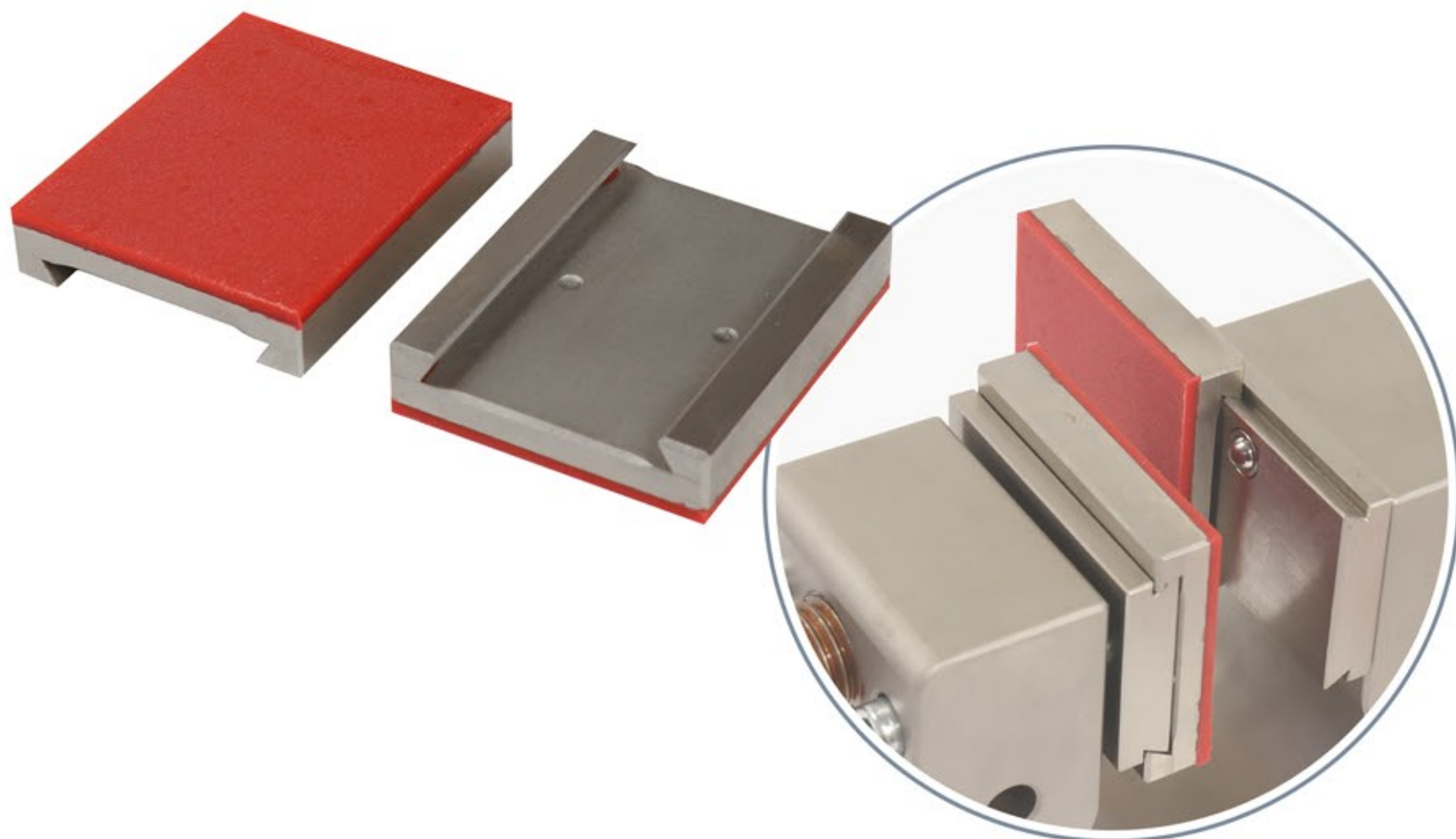
Hydraulic grip with **Vulkollan®** coated jaws.

TH108+EBVu30x60-Af20

Pneumatic grip with **Vulkollan®** insert jaws.

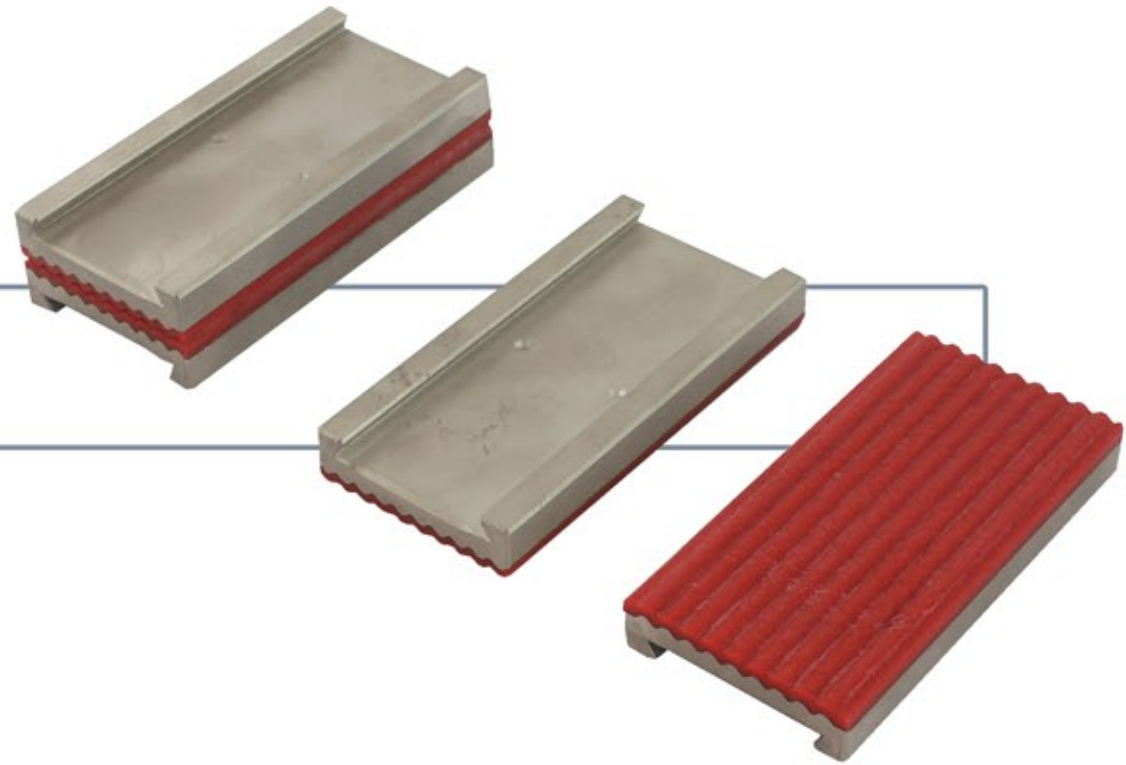


TH154-10+EBGVu with **Vulkollan®** coating.



More grips with Vulkollan® Coatings

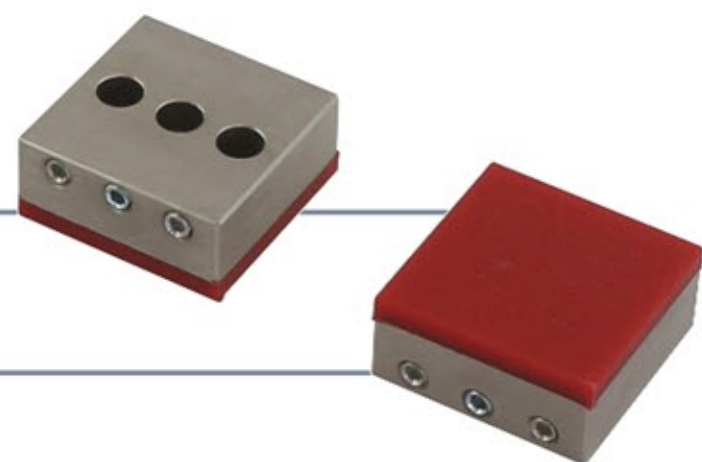
TH83-EBWVu100a



TH83-BGVu210



TH56k-BGVu



Test samples for Vulkollan® Coatings

