



**DMH**  
SOLUTIONS FOR SEALS

HPU SUPERSOFT

**SOFT. SOFTER.  
SUPERSOFT.**



# SOFT AND YET ABRASION-RESISTANT.

IN HPU SUPERSOFT, DMH PRESENTS THE REVOLUTION  
IN SEAL MATERIALS.

**Good news for seal manufacturers and users seeking a material that is both soft and especially resistant to abrasion: thanks to intensive research and development, DMH is launching the new material 111 HPU Supersoft on the market.**

DMH 111 HPU Supersoft combines compressive strength, abrasion resistance, compressive-deformation resistance, temperature resistance, gas tightness, chemical resistance, and hydrolytic stability. And with it – most importantly – remains soft and yet machinable.

The application areas are as diverse as the product benefits: this is not just restricted conservatively to pneumatic seals and preload elements for PTFE seals! This new material has the potential for so much more – and the journey begins here and now. Together with partners operating around the world, DMH is driving the further development and success of this material and will continue to do so in future.

But the fact is that even today, DMH clients already possess the key to unlocking and exploiting new potential when it comes to seals with the new DMH 111 HPU Supersoft. Enter the future of seals.





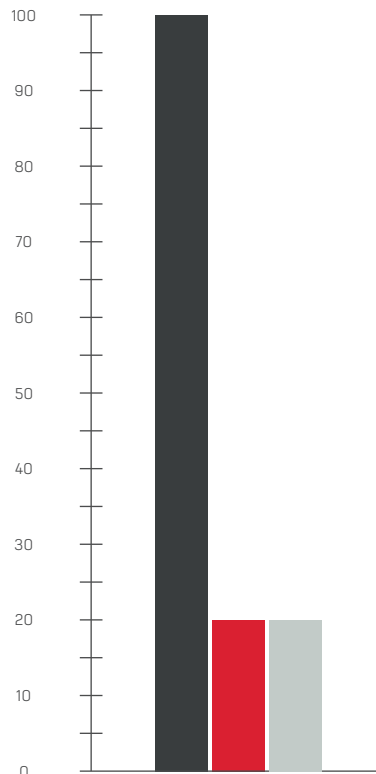
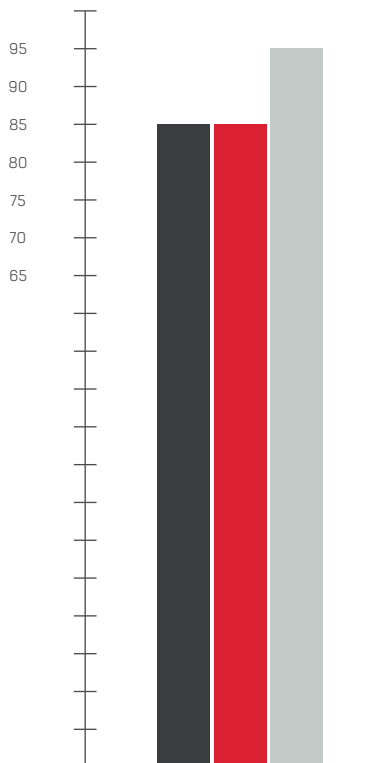
## APPLICATION AREAS OF THE DMH 111 HPU SUPERSOFT

- Wipers and U-cups in pneumatics
- Use as preload element and static seals

### Hardness vs. Abrasion

Hardness Shore A, ISO 868

Abrasion in mm<sup>3</sup>, DIN 53516



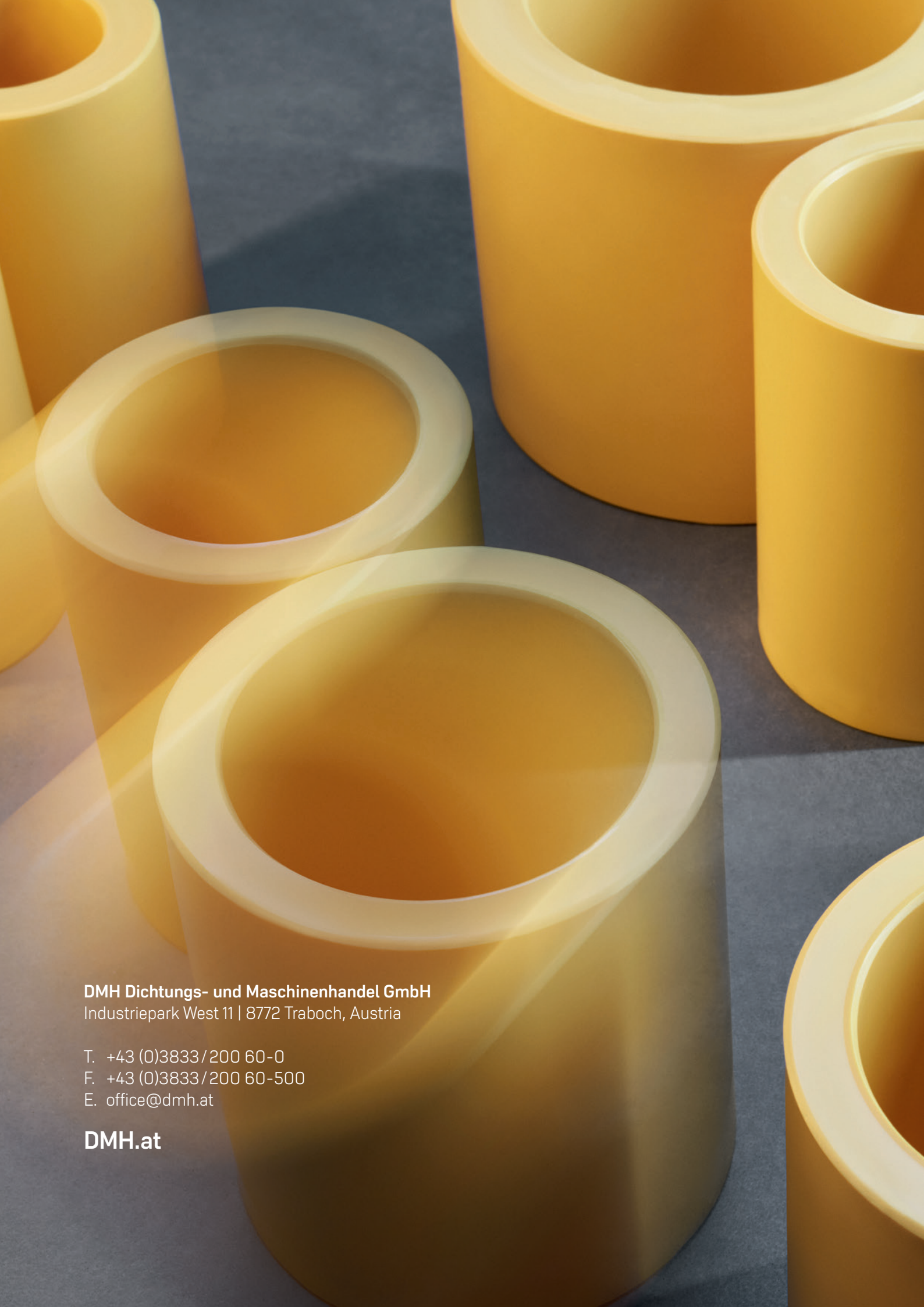
Key

■ NBR 85

■ HPU Supersoft

■ HPU 95A

**Result: HPU Supersoft soft as rubber – but six times as wear-resistant!**



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