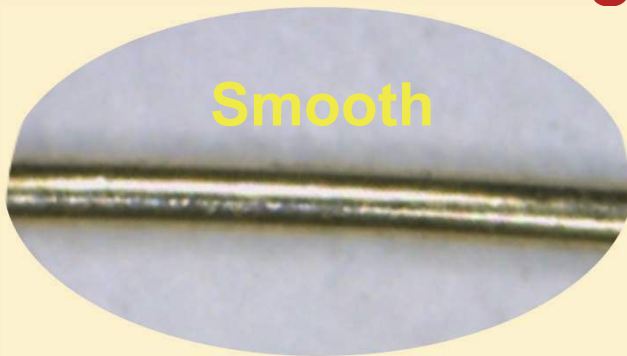




## ***HiPER STRIATED FIBERS***

# **A New, Highly Effective Concept for Reinforcing UHPC**



### What are Striated Steel Fibers?

HiPer Fiber's patented striated steel fibers have precise, micron-scale striations on their surface that anchor the fiber to the concrete, delivering a 130% increase in pull out capacity and a 235% increase in pull out energy over smooth fibers in common use today. This improvement in pull out behavior translates into a 175% increase in the direct tensile ductility of UHPC (see figures on the back).

### Compared to traditional fibers:

- **Save money** by using up to 50% less fibers to achieve the same performance
- Use full dosage to achieve vastly **improved UHPC properties**
- **No hooks or other deformations** to complicate mixing
- **Use shorter fibers to reduce mixing problems or for 3D printing.** HiPer fibers mimic the performance of longer fibers.

### Proven Technology

HiPer fiber technology has been in use since 2019. It has been deployed in numerous projects across the US and Canada.

### One of a Kind Proprietary Technology

Striated fiber technology is patent pending in the US, Europe and many countries around the world.

### Further Information

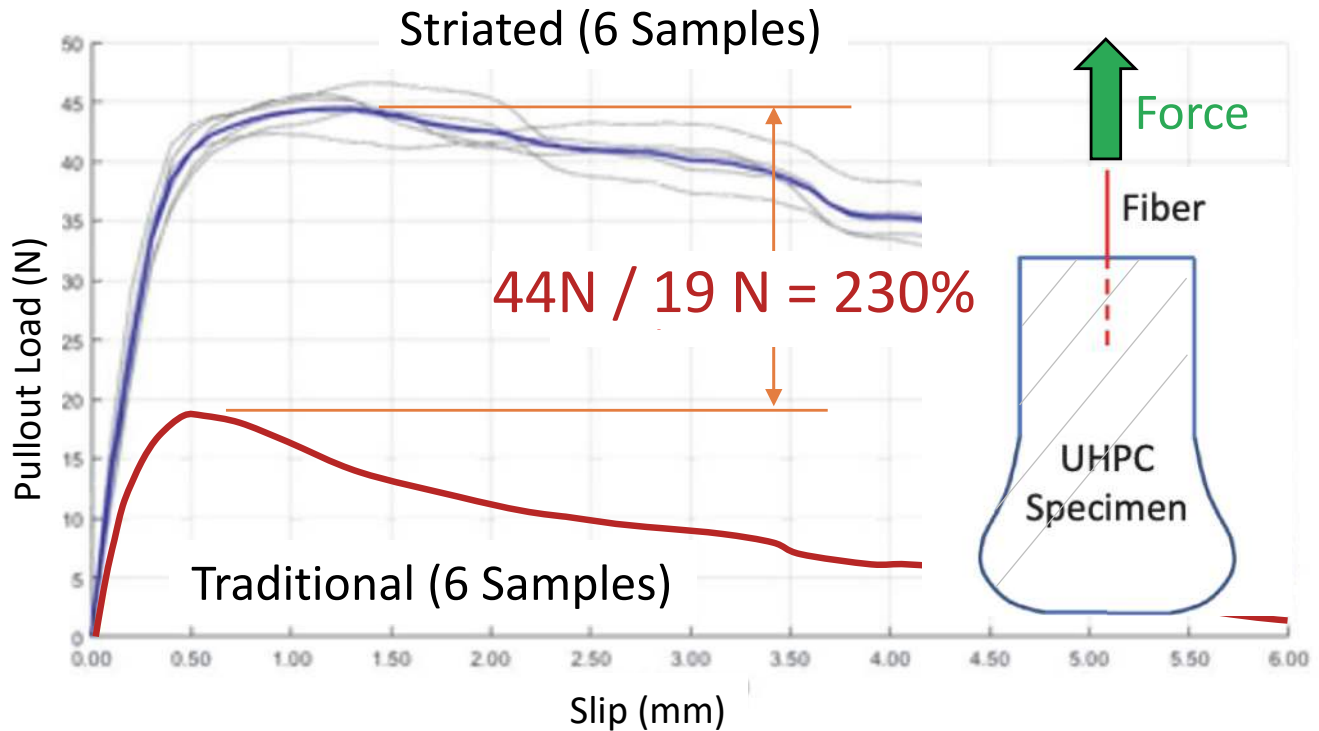
For further information, please contact  
[sales@hiperfibersolutions.com](mailto:sales@hiperfibersolutions.com)

HIPER FIBER

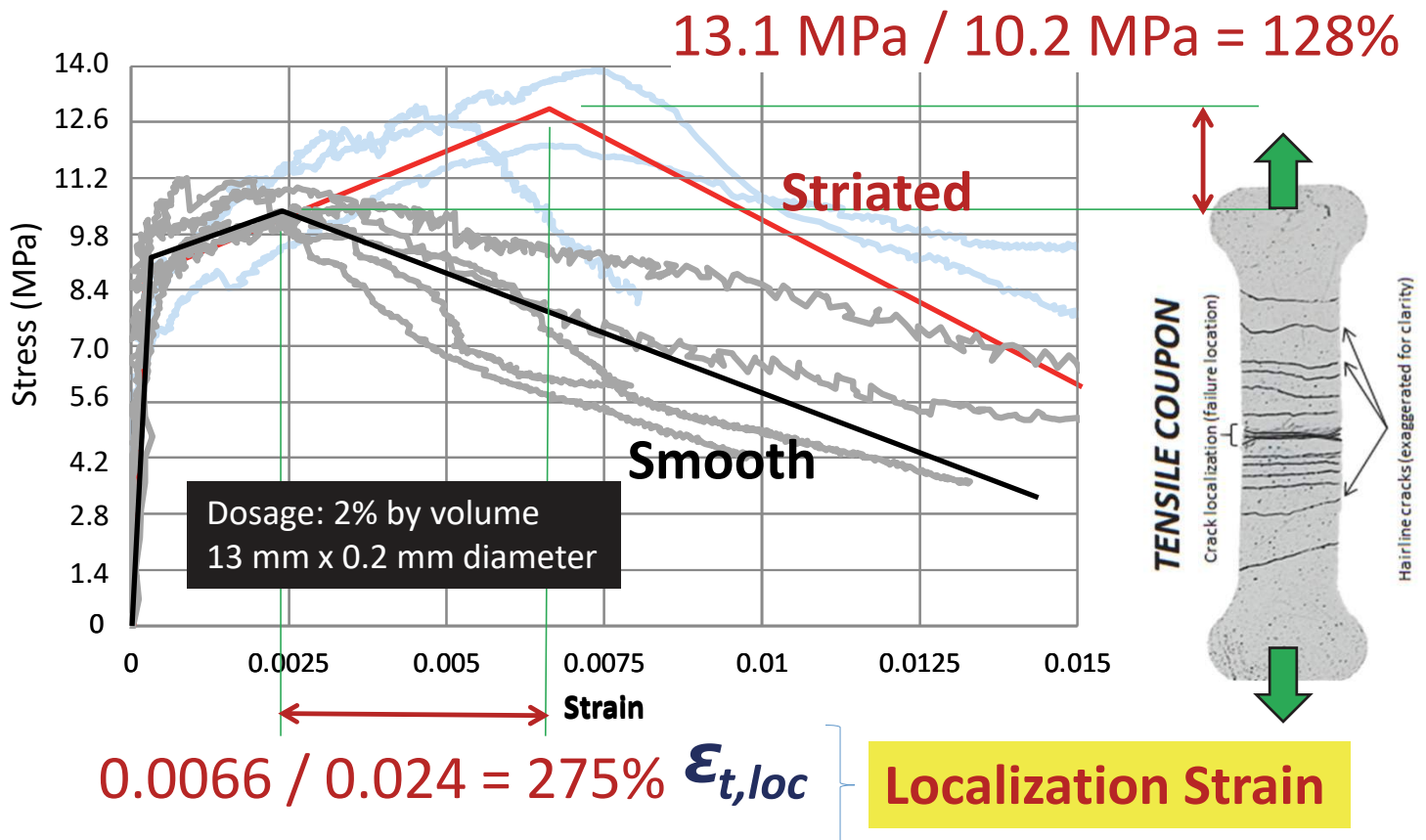




## Increase In Pullout Load



## Increase In Localization Strain



**Disclaimer:** The test data shown was obtained from UHPC with a compressive strength of 26 ksi (180 MPa). The results will vary with type of UHPC and tensile test setup.