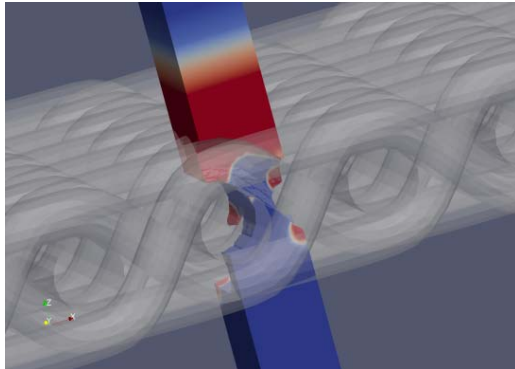


# Breakthrough in mesh development

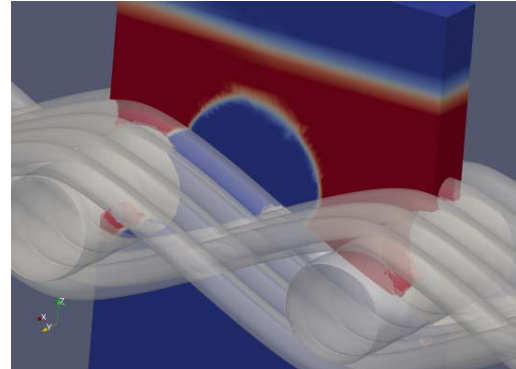
## Numerical simulation of the bubble point test



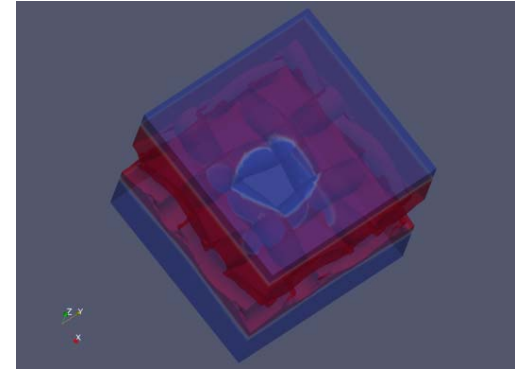
WORLD WIDE WEAVE



Picture 1: Numerical simulation of the bubble point test on a twilled dutch weave 400 x 2800 from GKD.



Picture 2: Numerical simulation of the bubble point test on an optimised dutch weave (ODW 6) from GKD.

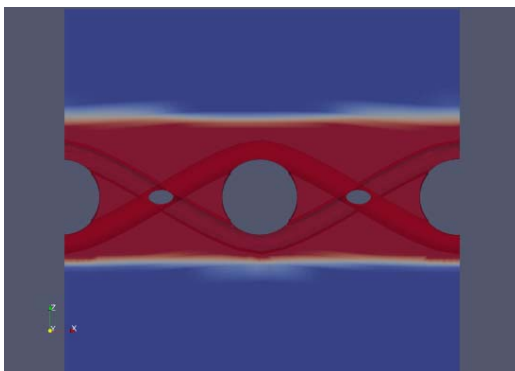


Picture 3: Bubble formation on a square mesh from GKD with an opening of 0,036 mm and a wire diameter of 0,030.

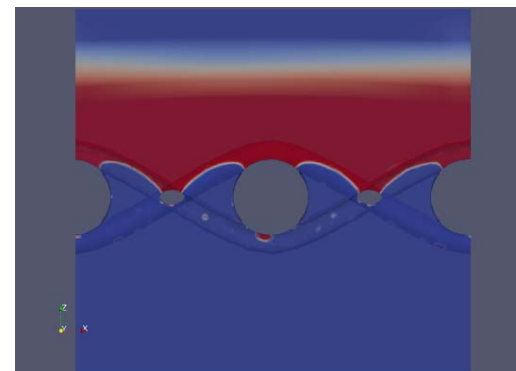
Picture 1-10 © GKD

We will be happy to send you the desired images in printable resolution by e-mail.

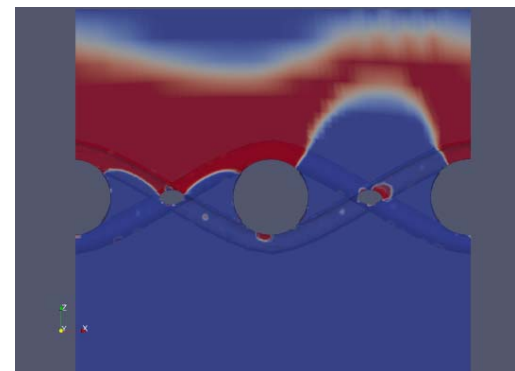
These images are meant exclusively for use in connection with this particular press release on the company GKD. Any other use beyond this expressed purpose, especially use in connection with other companies, is strictly prohibited.



Picture 4: Output configuration for the bubble point test.



Picture 5: The isopropyl phase is displaced up to the tightest pore.



Picture 6: Bubble formation on the pore during the bubble point test: Isopropyl alcohol (red phase) and air (blue phase).

### impetus.PR

Agentur für Corporate Communications GmbH

Ursula Herrling-Tusch  
Charlottenburger Allee 27-29  
D-52068 Aachen

Tel: +49 [0] 241 / 1 89 25-10

Fax: +49 [0] 241 / 1 89 25-29

E-Mail: [herrling-tusch@impetus-pr.de](mailto:herrling-tusch@impetus-pr.de)

# Breakthrough in mesh development

## Numerical simulation of the bubble point test



WORLD WIDE WEAVE



Picture 7: Square mesh



Picture 8: Optimised dutch weave (ODW)

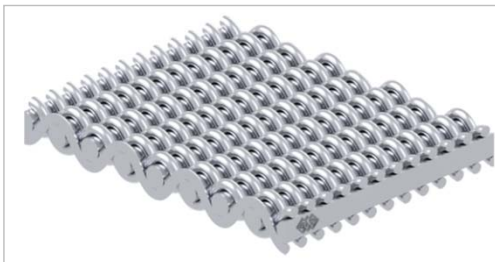


Picture 9: Twilled dutch weave

Picture 1-10 © GKD

We will be happy to send you the desired images in printable resolution by e-mail.

These images are meant exclusively for use in connection with this particular press release on the company GKD. Any other use beyond this expressed purpose, especially use in connection with other companies, is strictly prohibited.



Picture 10: Reverse dutch weave

### **impetus.PR**

Agentur für Corporate Communications GmbH

Ursula Herrling-Tusch  
Charlottenburger Allee 27-29  
D-52068 Aachen  
Tel: +49 [0] 241 / 1 89 25-10  
Fax: +49 [0] 241 / 1 89 25-29  
E-Mail: herrling-tusch@impetus-pr.de