

# TEST CERTIFICATE

for tests according to DVGW standard W 270 (11/2007)

Manufacturer: Montero FyE, S.A., Barakaldo Bizkaia, Spanien  
Test item: test plates, flat gasket-quality  
Name of material: BELPA CSA 520 COLOURLESS [KC 644/15 (modifiziert)]  
Date of reception: 26.11.2015  
Samples taken by: manufacturer  
TZW-reference no.: MO 215/15

The presented material BELPA CSA 520 COLOURLESS [KC 644/15 (modifiziert)] complies with regard to microbiological aspects with the requirements of DVGW standard W 270 (11/2007) for large sized and small sized sealings.

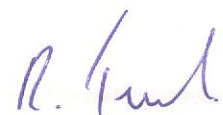
The detailed test results are given in a separate test report.

The validity is fixed by other instructions and expires the 05.04.2021 at the latest.

The test certificate becomes invalid if the material composition or manufacturing process has been changed.

The test certificate is based on the first test (TZW ref. no. MO 215/15 dated 06.04.2016).

Karlsruhe, 03.05.2016



Dr. J. Klinger / i.A. Dr.-Ing. R. Turković  
Head of the Test Centre

The publication of this test certificate - completely or in parts - is not permitted except of written approval by the test centre

# TEST REPORT

The material coming into contact with drinking water

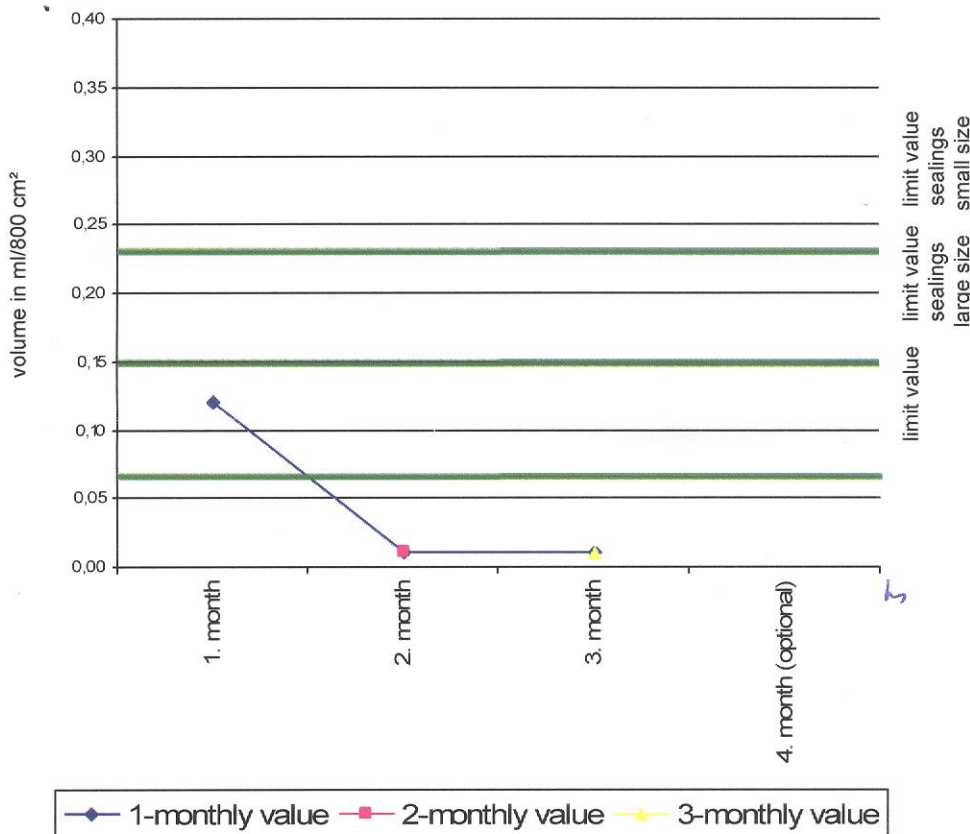
of manufacturer: Montero FyE, S.A., Barakaldo Bizkaia, Spanien  
 test item: test plates, flat gasket-quality  
 name of material: BELPA CSA 520 COLOURLESS [KC 644/15 (modifiziert)]  
 test period: 26.11.2015 – 30.03.2016

was tested according to DVGW standard W 270 (11/2007) "Promotion of microbial growth on materials coming into contact with drinking water - examination and assessment".

Following results were received:

1. Chemical composition: was given and approved under KC 644/15 (The transitional regulation for the elastomer guideline of UBA is valid version 23.02.2016.)

2. Microbial growth:



ml/800 cm <sup>2</sup>	1-monthly values		2-monthly values		3-monthly values	
	single values	mean values	single values	mean values	single values	mean values
1. month	0,11	<b>0,12</b>				
	0,13					
2. month	0,01	<b>0,01</b>	0,01	<b>0,01</b>		
	0,01		0,01			
3. month	0,01	<b>0,01</b>			0,01	<b>0,01</b>
	0,01				0,01	

## Remark:

The test results are referring to the samples TZW ref. no. MO 215/15 which were received for testing purpose the 26.11.2015.

Reference to the original German version is recommended.

Karlsruhe, 03.05.2016



Dr. J. Klinger / i.A. Dr.-Ing. R. Turković  
 Head of the Test Centre

## Results of the negative and positive control

### negative control: stainless steel

ml/800 cm <sup>2</sup>	1-monthly value	2-monthly value	3-monthly value
1. month	<0,01		
2. month		<0,01	
3. month			<0,01

### positive control: paraffin

ml/800 cm <sup>2</sup>	1-monthly value	2-monthly value	3-monthly value
1. month	2,6		
2. month		6,0	
3. month			4,6