



Badger Meter Europa

## Food and beverage approval 01.01.04

Approval of hard and soft rubber lining for food and beverage applications.

### Material

Extruded or calendered plates for autoclave vulcanisation. The vulcanised rubber is resistant to many acids, alkaline and salted solutions. Depending on operation conditions, the rubber is up to 90°C long lasting resistant. This rubber quality meets the requirements of the IfBT in Berlin according to WHG directives and has following registration number:

PA-IV.562.102

The approval also covers food and beverage applications according to

XXI BGA / KTW

Quality reference:		H 1102	
Polymer basis		NR / SBR	
Color		brown-black (graphited)	
Thickness	(mm)	3 (depending on the application)	
Testing voltage	(kV/mm)	1	
Density	(g/cm <sup>3</sup> )	1,46 ± 0,02	(DIN 53479)
Hardness	(Shore D)	78 ± 5	(DIN 53505)
Strength of extension	(N/mm <sup>2</sup> )	30	(DIN 53504)
Ultimate elongation	(%)	4	(DIN 53504)
Hardness resistance	(N/mm <sup>2</sup> )	>3	(ASTM D 429-64)
Rubbing off	(mm <sup>3</sup> )	-	

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