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 IHT 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/cm³) 1,46 ± 0,02 (DIN 53479)

Hardness (Shore D) 78 ± 5 (DIN 53505)

Strength of extension (N/mm²) 30 (DIN 53504)

Ultimate elongation (%) 4 (DIN 53504)

Hardness resistance (N/mm²) >3 (ASTM D 429-64)

Rubbing off (mm³) -