

SAP-Sealing strips (Wolf[®] „SQ“)

based on super absorbent polyacrylate powder

25 SQ3D

made of 3D fabric for a more flexible expansion

Application:
Cable/pipe seal,
sealing of expansion & movement joints



General

Based on German Standard DiBt PG FBB Section 5.2, our sealing products contain a super absorber polymer powder (SAP) that forms a polymer gel on contact with liquids. The polymer gel is an excellent barrier against water and gases. Sealing strips type SQ* contain a swelling non-woven based on a super absorber polymer powder which is bound directly to the nonwoven. The gel that forms after contact with liquids remains stored in the strip. The longitudinal edges (or all edges - depending on the application) are sewn using a 3-thread safety stitch.

Product benefits

- Thin, easy to handle for quick subsequent waterproofing
- Reacts instantly on contact with water. Self-sealing against water, dust, smoke and noise
- High water (polymer gel) storage capacity
- Contains no environmentally harmful substances
- Vibration resistant, notch resistant and shock resistant
- Fat free
- No sticking to the environment
- Reversible swelling. Reusable several times and reliable over several swelling cycles
- Durable & robust

Materials | construction

Material	Short description. (Detailed data see Product Info E-PI 23.00)
3D- fabric	Spacer fabric made of 100% polyester. Outer side: laminated (water permeable / polymer gel impermeable) Inner side: with open pores for absorbing / storing polymer gel after absorbing water / liquids.
SAP- nonwoven	Single-layer swelling non-woven. Contains super absorbent polyacrylate powder (SAP).
PES/CO fabric	65% PES/ 35% Cotton-fabric (water permeable / polymer gel impermeable) Polymer gel –barrier layer, flexible

Prod.-No. | Dimensions

Prod.-No.		Swelling height max. ca. [mm]	Sealing strip thickness [mm]	Dimensions	Lengths [m]
				widths [mm]	
	SQ3D-V1	15	3.4	50, 100	10, 25
	SQ3D -V2	30	3.9	50, 100, 150, 200, 300, *, max. 600	
	SQ3D -V3	45	4.3	100,150, 200, 300, *, max. 600	
	SQ3D -V4	60	4.8		
Prod.-No. 25.01 manufactured with double-sided adhesive tape on one side					
25.02	SQ3DK-V1	15	3.4	50, 100	10, 25
	SQ3DK-V2	30	3.9	50, 100, 150, 200, 300, *, max. 600	
	SQ3DK-V3	45	4.3	100,150, 200, 300, *, max. 600	
	SQ3DK-V4	60	4.8		

* Custom-made products on request