



Elastomeric Pipe Penetration Sealing Gasket

- ☑ **Waterproof and "breathable"**
- ☑ **Elongation >60%**

Product Description

Aquafin SEALING GASKET-18/18 is an elastomeric, tear resistant, breathable waterproofing gasket which prevents the passage of moisture and water.

SEALING GASKET-18/18 is bonded to the substrate with AQUAFIN-2K/M flexible cementitious waterproofing.

Typical Applications

- Installed on horizontal and vertical surfaces.
- Sealing of PVC and other pipe penetrations, floor drains, skimmers, etc.
- Applied to all substrates that can be treated with AQUAFIN-2K/M cementitious waterproofing, exposed to positive side water pressure, or covered with ceramic tiles.

Advantages

- Inexpensive permanent solution for joint sealing problems
- Quick and easy installation
- Waterproof - resistant to hydrostatic pressure
- Permanently flexible
- Attached/installed with flexible cementitious AQUAFIN-2K/M waterproofing
- Breathable, not a vapor barrier - allows fast drying of water based tile mortars and waterproofing materials

Installation

1. Place sealing gasket over pipe or floor drain and mark size of penetration, then cut out necessary opening (penetration). (See picture below.)
2. Apply one prime coat of AQUAFIN-2K/M over concrete and exposed PVC pipe or drain lid, extending minimum 3/4" (20 mm) beyond either side of gasket.
3. While this prime coat is still wet, place and firmly press, by using a steel trowel or similar, SEALING GASKET-18/18 into the AQUAFIN-2K/M, leaving no wrinkles.
4. Cover SEALING GASKET-18/18 with 2nd coat AQUAFIN-2K/M (same or next day) and smooth the surface with a damp brush.

Packaging

25 sealing gaskets per box. Smaller quantities available upon request.

Technical Data

Product:	SEALING GASKET-18/18
Material:	elastomeric membrane embedded in backing fabric
Color:	white
Thickness:	approx. 1/64" (0.35 mm)
Elongation:	60% (ASTM D-638)
Tear strength:	725 psi (5.0 MPa) ASTM D-2240
Temperature resistance:	-4 °F to +194 °F (-20 °C to +90 °C)

Alkali resistance:

- Resistant against boiling in Sodium Hydroxide with pH 12
- Resistant against boiling in 2% Potassium Hydroxide (minimum 10 minutes)
- Resistant when stored in Calcium Hydroxide with pH 12

Other resistances:

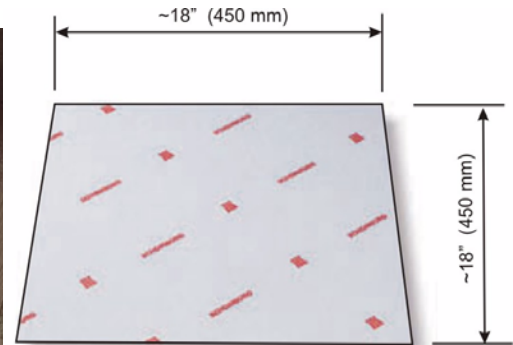
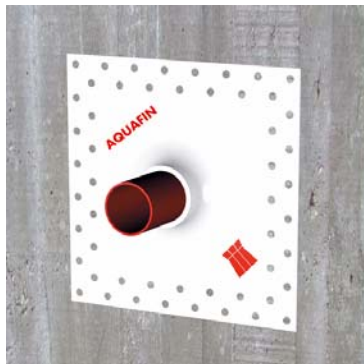
- Highly resistant against oil, grease and solvents
- Good weathering resistance
- Excellent decomposition resistance (microbes)
- good UV resistance

CHEMICAL RESISTANCE OF SEALING GASKET-18/18

Ammonia 10%	++	Hydraulic oil	++	Sea water	++
Chlorofluorocarbons	++	Heating oil	++	Shock absorber oil	++
Cyclohexanone	++	Isopropanol	+	Sodium chloride solution	++
Dibutylphthalate	++	Isooctane	++	Styrene	+
Diesel fuel	++	Kerosene	++	Tetrachloroethylene	+
Engine oil	++	Linseed oil	++	Thistle oil	++
Ethyl ether	++	Lubricant (grease)	++	Toluene	+
Glycol	++	Methanol	+	Water, distilled	++
Glycerol	++	Petroleum ether	++	Water, potable	++
Gasoline regular	++	Phenol	+	Water, seawater	++
Gasoline premium	+	Potash lye, 10%	+		

++ = resistant (no or only minor change of weight and size)

+ = medium to short term resistance (change of weight and size)



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