

AQUAFIN-WM12

Tested resilience against engine oil and diesel

Resistance

	Property	Test method	Unit	Result
ENGINE OIL	Exposure to liquid chemicals			app.
	Change in tensile strength	EN 1847:2009-12 (23 °C)	% %	MD: +12,0 CMD: -11,0
	Change in elongation at break	EN 527-3:2018-12	% %	MD: -17,5 CMD: -20,0

DIESEL	Exposure to liquid chemicals			app.
	Change in tensile strength	EN 1847:2009-12 (23 °C)	% %	MD: +10,0 CMD: +3,0
	Change in elongation at break	EN 527-3:2018-12	% %	MD: +6,0 CMD: -7,5

MD: machine direction CMD: cross machine direction

Note:

In order to assess the changes caused by exposure to the liquid chemicals, the properties were determined in the tensile test before and after immersion in the liquids. Soft PVC material samples with a membrane thickness of 2.0 mm, without fleece lamination, were used for the test.

Data:

All technical data based on laboratory tests. Actual measured data etc. may vary due to circumstances beyond our control.

Evaluation:

The behaviour determined after immersion in the test liquids indicates that the basic requirements for the watertightness of constructions sealed with the AQUAFIN-WM12 waterproofing membrane are met when exposed to engine oil (hydrocarbons) and diesel. Permanent exposure to the above (test) liquids is not recommended, despite the technical properties found.