

Efficient and Sustained Protection

Reticulated Foams With Superior Homogeneity by RegiSeal®



Newest Generation of Reliable Sealing Solutions

Sustainably protect your assemblies and complex systems against the unintentional penetration and leakage of moisture, such as water, oil and other liquids, as well as gases and fine particles. Our RegiSeal® sealing solutions are not only airtight and watertight and offer protection against dirt, dust, sound, vibration and heat, but are easily compressible as well. They are also hydrolytically stable and durable.

With RegiSeal®, you choose an innovative sealing technology based on state-of-the-art polyurethane foam technology. Our fine-pored and supple RegiSeal® products meet today's demands for durable special seals and are used in many different sectors such as the automotive, appliance & machine and construction industries.



Application areas

Construction sector

- Glazing seals
- Sound insulation
- Roofing tiles
- Ventilation and air conditioning installations
- Door frame seals
- Sanitary installations

Automotive industry

- Dampers
- Roof bracket seals
- Window seals
- Door dampings
- Tank dampings
- Door mirror seals
- Battery box covers
- Car bonnet seals
- Air conditioner seals

Appliance & machine industry

- Washing machines
- Dryers
- Dishwashers
- Refrigerators
- Air conditioning units
- Vending machines



The Right Product for Every Application Area

The RegiSeal® portfolio comprises various types of supple, polyether-based polyurethane foams with a net density of 33 kg/m³. The products are characterized by their especially fine and closed-cell foam structure.

RegiSeal® Aqua

Watertight in accordance with the Denso test
(24 h at only 20% compression)
40% material savings, 40% less compression

RegiSeal® TN 30 FR TS

Air permeability: < 10 l/m²/s
Extremely airtight

RegiSeal® TN 30 FR

Air permeability: 5 - 60 l/m²/s
Good air tightness

RegiSeal® TN 30 FR X

Air permeability: 50 - 300 l/m²/s
Slight air permeability

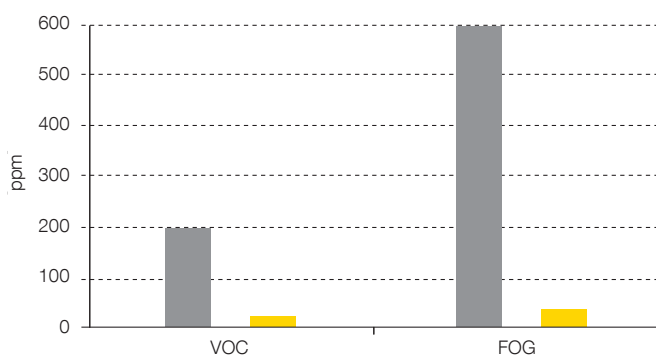
RegiSeal® Technical Data

All RegiSeal® products are available as blocks, sheets and converted parts.
The products from the RegiSeal® TN family are also available as rolls.

Typical technical data	Tightness	Net density	Compression load deflection	Tensile strength	Elongation at break	Burning rate
	[l/m ² /s] ISO 9237	[kg/m ³] ISO 845	[kPa] ISO3386-1	[kPa] ISO 1798	[%] ISO 1798	FMVSS 302
RegiSeal® TN 30 FR X	50 - 300	33	5,0	90	90	SE/NBR
RegiSeal® TN 30 FR	5 - 60	33	4,5	100	130	SE/NBR
RegiSeal® TN 30 FR TS	< 10	33	5,0	160	130	SE/NBR
RegiSeal® Aqua	watertight	32	11,0	100	50	SE/NBR

The listed measured values are typical values and are for information purposes only.
They do not replace product specifications, which are subject of separate written agreements.

SE self-extinguishing
NBR no burning rate



Low emission values

The VOC and FOG measured values according to VDA 278 for RegiSeal® products lie far below the DBL 5450 limit values. The VOC/FOG values refer to typical average measured values.

Recticel Engineered Foams

Recticel Engineered Foams applies industry-leading knowledge, resources and experience to offer the tailored solutions our customers need to stay ahead. Our unique portfolio of foams and systems – spanning industrial, mobility, consumer & medical care, living & care applications – is one of the most comprehensive in the market. We focus strongly on sustainable innovation and strive to provide answers to societal challenges, including climate protection and conservation of resources.

Our passion for comfort

The key to the success of PU foams is their seemingly endless versatility. They can be tailored to almost any application and we are continually innovating to optimise our product range in line with new demands and ideas. Many everyday consumer goods would be unimaginable without their unique benefits, which include silencing, sealing, filtering, carrying, protecting, supporting and comforting attributes. These can be provided in almost any combination, allowing us to develop solutions and systems with the exact functionalities required by every market we serve.



Find out more
www.recticelengineeredfoams.com

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