

# Excellent Sealing Performance

Heavy-Duty Applications with EVERLIGHT MORAN



# Diverse Properties for a Wide Range of Applications

**EVERLIGHT MORAN is a high-quality, semi-closed cell EPDM (ethylene propylene diene monomer) rubber that provides outstanding sealing performance and has been specifically developed for heavy-duty applications.**

Thanks to its unique features, EVERLIGHT MORAN is particularly suitable for the following sealing solutions:

## Performance Profile

- Sealing against liquids and moisture
- Sealing against air and gas
- Sealing against sound and vibration
- Sealing against dirt and dust
- Sealing against heat

## Processing

EVERLIGHT MORAN can be easily processed using conventional technologies such as cutting, water jet cutting, die-cutting, adhesive bonding, and self-adhesive finish.

## Forms of Delivery

EVERLIGHT MORAN is available as sheets and rolls with or without a self-adhesive finish, and as converted parts.

## Applications

The hydrophobic EVERLIGHT MORAN is excellent for diverse applications:

## Automotive Industry

- Dampers
- Roof retainer seals
- Window seals
- Door deadenings
- Gasoline tank deadenings
- Door mirror sealants
- Cushion for battery box covers
- Cowl top sealers

## Construction Industry

- Glazing seals
- Sound insulation
- Roof tiles
- Ventilation and air conditioning installations
- Frame seals
- Sanitary installations

## Equipment and Machinery Industry

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

Product	Net density*	Compression load deflection*	Compression set*	Tensile strength	Elongation at break	Burn rate (10 mm)	Burn rate (3–12.7 mm)	Watertightness
	[kg/m <sup>3</sup> ] DIN EN ISO 845	[kPa] DIN EN ISO 3386-1	[%] JIS K6400	[kPa] DIN EN ISO 1798	[%] DIN EN ISO 1798	[mm/min] FMVSS 302	UL94 HBF	[hours/pressure ratio] U-tube test 100 mm
EVERLIGHT MORAN #930	49	1	21	57	209	-	-	24 h/80 %
EVERLIGHT MORAN #830	91	3.8	22	69	253	≤ 100	OK	24 h/80 %
EVERLIGHT MORAN #730	117	4.8	23	87	277	≤ 100	OK	24 h/70 %

\* The data provided refers to typical values. In general, specifications include minor deviations.

Please contact your local sales employee at Recticel Engineered Foams for the corresponding product sheet with the latest technical product information.



## Product Benefits



### **Air- and watertight**

thanks to its fine-pored, semi-closed cell structure with reliable performance



### **Climate- and weather resilience**

ensure high resistance to heat and cold, moisture, ozone, UV radiation, and chemicals



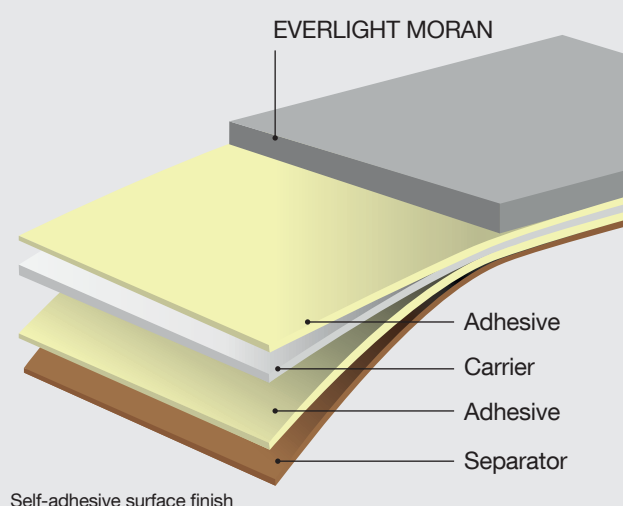
### **Easy handling**

thanks to a soft foam structure with unique material flexibility



### **Modern material stabilization**

that is low-migration, halogen- and tar-free



## Cooperation between Recticel and Bridgestone

Recticel and Bridgestone jointly distribute EVERLIGHT MORAN in Europe\* and the Americas\*. EVERLIGHT MORAN has been established for 20 years on the Japanese market.

**BRIDGESTONE**



\* selected countries.

# 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](http://www.recticelengineeredfoams.com)

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