

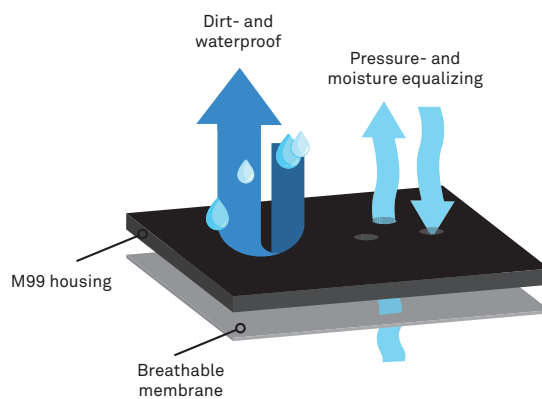
INFORMATION M99 MEMBRANE

IMPORTANT INFORMATION ON THE FUNCTION OF THE BREATHABLE M99 MEMBRANE

This membrane is used in:

M99 PRO, M99 PURE, M99 PURE+ (up to and including year of construction 2017)

With a high-performance front light such as the Supernova M99, the internal pressure fluctuates due to temperature differences. To compensate for this and still keep dirt and water away from the optical components **some M99 lights are equipped with a breathable membrane**, that can also be found in modern car headlamps, that equalizes pressure and moisture levels automatically without permitting salt, soot or water to enter the housing.

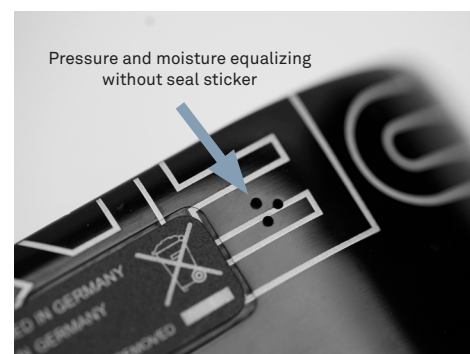


The membrane behaves similar to a Gore-Tex functional jacket. This is watertight, but not gas-tight. This means that moist air can get into the housing at high humidity, but can also disappear at low humidity.

At high humidity, the smallest amounts of water vapour can enter the housing. In a cool wind, the vapour then precipitates at the coldest point of the windshield. It's comparable to a mirror being slightly breathed on. This is clearly visible from the outside, but up to a drop size of 0.5 mm in diameter, it has **no perceptible influence on the beam pattern or the service life of the electronics.**



The membrane of the front light is sealed with a small silver sticker for transport and storage during production.



If droplets are visible on the inside of the front glass, you can remove the seal to activate the membrane. Moisture equalization may take several days.