



BESE-mesh sleeve white

Made from biopolymers

SIZES	Available in lengths of 500 meters, and on request in smaller amounts (minimal order 100 meter).
DIMENSIONS	Diameter of 30 cm. Mesh size: 1x1 cm.
MATERIAL	PLA: biodegradable biopolymer derived from starch.
CERTIFICATION	Certified according TÜV AUSTRIA OK compost. Contains no petrochemical or metallic substances.
BIODEGRADABILITY	Biodegradability is expected to be 1-3 years in tropical waters and 10-20 years in temperate waters. It is a new product in our range so upcoming studies will show more details about the degradation time in different environmental conditions.

Characteristics and application

Oyster restoration efforts all over the world use plastic mesh bags. The bags are filled with oyster shells and placed into the water to recruit oysters. The plastic however remains and pollutes the ecosystem. BESE offers a white mesh that is made from biodegradable biopolymers, ideal for oyster reef restoration efforts as a substitute for plastic mesh. After oyster have colonize the structure the bags will fall apart, leaving only oysters behind.

Besides oyster reef restoration, mesh bags can also function as a grow-out bag for aquatic vegetation like riverbank vegetation and submerged aquatic vegetation. Additionally, when filled with (coral) rubble/stones or other materials, the bags can serve as a kickstarter for coral reef restoration or act as wave breakers in dynamic zones.

Function

- Oyster mesh bag
- Grow-out bag for vegetation
- Breakwater
- Coral reef restoration

About us

- Founded in 2018, our company now sells products worldwide
- Restoration application for oyster reefs, salt marshes, mangroves, dune-, riparian-, and SAV vegetation, fish and coral reef habitat
- Other applications include river bank side protection, erosion prevention and natural filtering
- Personal contact with experienced staff for tailored solutions

