

Supply Chain Showcase



ZAGO Manufacturing Co. Is Offshore Wind Ready

Sustainable Manufacturer Makes Sustainable Sealing Fasteners for Sustainable World.

ZAGO was co-founded in 1993 by husband Harvey Rottenstrich, an engineer, and wife, Gail Friedberg Rottenstrich, a former corporate attorney, at the NJIT Enterprise Development Center small business incubator in Newark, NJ. Today, ZAGO is a certified Women Business Enterprise (WBE) manufacturing Made in USA/Buy American Act compliant sealing fasteners and switch boots from its solar-powered facility in Newark. ZAGO started as and continues to manufacture Military Spec products including MS3212/MS3213 sealing screws for military and aerospace use. Industry applications grew (marine, manufacturing) and for more than a decade this has included renewable energy.

ZAGO Sealing Fasteners: Protection at Every Phase of Offshore Wind

ZAGO sealing fasteners are vital at virtually every stage of offshore wind production. For instance, engineers surveying, monitoring, and forecasting the viability of an offshore wind project rely on subsea robots and autonomous vehicles armed with sensors, LiDAR, radar, and sonar to capture and transmit data in real time and for long stretches. Failure or malfunction of equipment is not an option. ZAGO corrosion-resistant sealing fasteners offer seamless protection in harsh and highly pressurized environments. The utility of ZAGO sealing products continues from this exploratory phase right through wind generation and transmission.

ZAGO Sealing Fastener: Screw & O-ring Engineered as One

ZAGO sealing fasteners are engineered with a custom groove underneath the head of the screw (face of nut/washer), when combined with a rubber O-ring and tightened, the O-ring squeezes outwardly to form a 360° leak-proof, air-tight seal. This impenetrable seal will not break or crack once the screw is torqued preventing seepage or leakage of contaminants, i.e. saltwater, air, water, sand, dirt, dust, humidity, from entering and damaging sophisticated equipment, wind turbine face covers, sensors, and more, or leaking out and potentially harming our environment.

“ZAGO is more than ready to serve offshore wind in New Jersey. Our sealing fasteners are used in offshore wind projects in Europe and Canada. We are DFARS, REACH, RoHS compliant and ISO 9001: 2015 and WBE certified,” says Gail Friedberg Rottenstrich, Co-Founder & CEO, ZAGO. “We are a sustainable company, and ZAGO sealing fasteners are reusable and pollutant-free.”

