Engineering Solutions for the Wind Industry
Our wide range of adhesives, sealants and surface treatments enables us to provide suitable products for a variety of applications and offers a comprehensive range of products for the wind industry.

- Release agents and vacuum bagging tapes for the infusion process
- The first Germanischer Lloyd certified polyurethane adhesive for blade bonding
- Epoxy, MMA, polyurethane as well as elastic MS adhesives for component bonding
- Anaerobics for mechanical assemblies, e.g. threadlocking and sealing, gasketing, retaining and flange coupling
- Instant adhesives for different bonding applications
- UV and weather resistant sealants (e.g. for sealing the steel tower segments)
- Lubricants and cutting fluids for the machining of metal components

From the cross bolts of the rotor blade to cable bushings and the separating joints in the nacelle, from the flanges of the gears to the bolts of the blades: Henkel ensures high quality solutions.

**BLADE**
- Modern semi-permanent composite release agents
- Vacuum bagging tape
- Blade bonding and repair
- Bolt, stud and metal insert fixing
- Component bonding (vortex, rain deflector, gurney flaps, etc.)
- Putty filler
- Weather resistant sealants

**TOWER**
- Exterior and interior seam sealing
- Component bonding / fixing (e.g. ladder and cable bracket)
- Threadlocking
- Flange sealing and protection against corrosion
- Foundation to tower sealing
HUB AND BEARING
» Metal degreasing and pretreatment
» Cooling lubricant (metal machining)
» Reinforcement of pitch and yaw bearing flange coupling
» Flange sealant (e.g. hub or drive train)
» Lubricating (e.g. gear wheels actuator)
» Threadlocking

NACELLE
» Exterior and interior sealing
» Structural bonding of panels / stringers
» Release agent for GRP parts

ELECTRICAL COMPONENTS
» Magnet bonding of electric motors
» Threadlocking
» Sealing, molding and casting of components (e.g. cable, plugs, connectors, etc.)

GEARBOX
» Metal degreasing and pretreatment
» Cooling lubricant (metal machining)
» Sealing main and auxiliary flanges
» Threadlocking bolts, screws and studs
» Retaining and/or reinforcement of shafts, bearings, splines and key way
» Thread sealing of pipe fittings
» Sealing, molding and potting of cables, plugs and connectors