

Washer Style Tag Specification



The Washer-Style Grease Tag is a passive identification tag for the GreaseBoss Manual System, **designed to be installed under a grease fitting** and read by the Head Unit during a service round.

Device

Dimensions	30.8 x 18.6 x 5.0 mm
Mass	TBD
Mounting Method	Washer (under grease fitting)
Variants	US, EU
Housing Materials	Polycarbonate (PC 6600)
Internal Materials	Ceramic

RFID

Technology	UHF RFID
Frequency	902-928 MHz (US), 865-868 MHz (EU)
Antenna Polarisation	Linear

Environmental

Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Survival Temperature	-40°C to +150°C (-40°F to +302°F) for 168 hours
Absolute Maximum Temperature	150°C (392°F) for minutes
Ingress Protection	IP68
Chemical Resistance	1 m (3 ft) to concrete/granite

Installation

1. Isolate the asset and depressurise the lubrication system.
2. Unscrew the existing grease fitting from the equipment.
3. Identify the thread size of the fitting and select a tag variant with a matching centre-hole diameter.
4. Slip the washer ring of the tag over the fitting thread, with the hexagonal head facing outwards (away from the equipment surface).
5. Re-insert the fitting into the equipment and tighten to its normal installation torque. The tag is captured between the fitting hex and the equipment surface and must seat flat — confirm there is no visible gap, deformation or pinch.
6. Restore lubrication system pressure and check for leaks at the fitting.
7. Map the tag with the asset and grease point in GreaseBoss Cloud at commissioning by scanning it with the Head Unit and GreaseBoss Onboarding Mobile App.

