



AEROK®

PYROK®

FORMOA®

FORBOND®

PUROK™

TECHNICAL DATA SHEET

# AEROK 7001 LV

## PRODUCT

Aerok 7001 LV is a one component structural heat cured adhesive/sealant based on modified epoxy technology. Designed to be dispensed from cartridges or bulk systems. The product is low viscosity and can be spread with a notched spreader to coat larger surface areas. Suitable for bonding metals, composites and structural core materials where high temperature resistance is required. Can cope with differential thermal expansion of materials

## TECHNICAL CHARACTERISTICS

Base	Epoxy Resin
Viscosity*	Low Viscosity
Thixotropic	No
Usable Life*	24 hours
Handling Strength*	60 minutes at 150°C
Full Cure	7 day following elevated temperature (> 150°C)
Lap Shear Strength*	Up to 8.25 Mpa / 1200 PSI at 23°C
	Up to 7 Mpa / 1040 PSI at 260°C
Temperature Resistance	- 40°C to +220°C / - 40°F to 428°F
Temperature Resistance - Ground Soak	- 55°C to +260°C / - 67°F to 500°F
Water Absorption (% increase in weight)	<0.1
Mix Ratio (by volume)	1 component system

(\*)These values may vary depending on environmental factors, such as: temperature, moisture and type of substrates.



## PACKAGING

*Colour:* Yellow

*Packaging:* 300ml Cartridge, Bulk Container

## SHELF LIFE

6 months in unopened packaging in a cool and dry storage place at temperatures below +4°C

## HEALTH AND SAFETY RECOMMENDATION

As with all epoxy products, avoid skin and eye contact and apply the usual industrial hygiene.

Check the packaging for more information or see MSDS.

The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendation or any other type of suggestion offered.

Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Forgeway, of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user.

