

NEW

ATHESIL

RTV UNIVERSAL SILICONE SEALANT FOR PROFESSIONAL USE



80 ml TUBE

PART NUMBER:
M813002000001

BOX 12 TUBES.

PART NUMBER:
P300000999002



THERMAL STABILITY

Perfect performances even at 300 °C (572° F) peaks



SUPERIOR RESISTANCE

Perfect durability against aging, weathering, and thermal cycling



UTMOST VERSATILITY

Easy to use and apply on all surfaces



SAFE

No solvents or corrosive vapors released while curing

Athena proudly introduces **ATHESIL**, the new single-component **RTV silicone compound** Made in Germany to answer the specific needs of professional technicians and mechanics in the **automotive, marine, motorcycle, heavy duty and off-road industries**.

A world leader in aftermarket gaskets for over 40 years, Athena designed this **Premium Sealant** specifically for use in **high performance engines**. Athesil **bonds, seals, repairs, and secures**, and is excellent for **formed-in-place gasketing (FIPG)**.

Athesil is a **room-temperature-vulcanizing (RTV) silicone**, it is **non-flammable**, and it is **MEKO-free certified**: it contains **no solvents or carcinogenic substances**, and **does not release corrosive vapors** while curing.

TECHNICAL FEATURES

THERMAL STABILITY AND RESISTANCE TO HIGH EXTREME TEMPERATURES

Athesil is thermally stable from **-40 °C to 220 °C (-40°F to 430° F)** performing **even at 300 °C (572° F)** peaks. It resists aging, weathering, and thermal cycling **without hardening, shrinking, or cracking**. Athesil can also be applied to the exhaust system and will not damage lambda sensors.



Resistance test at 300 °C

SUPERIOR RESISTANCE TO FLUIDS

Other silicones tend to absorb gasoline, oil and other liquids causing deformation. Athesil resists mineral and synthetic oils, lubricants, fuels, greases, coolants, and detergents, **ensuring ideal shape retention and adhesion to surfaces**.

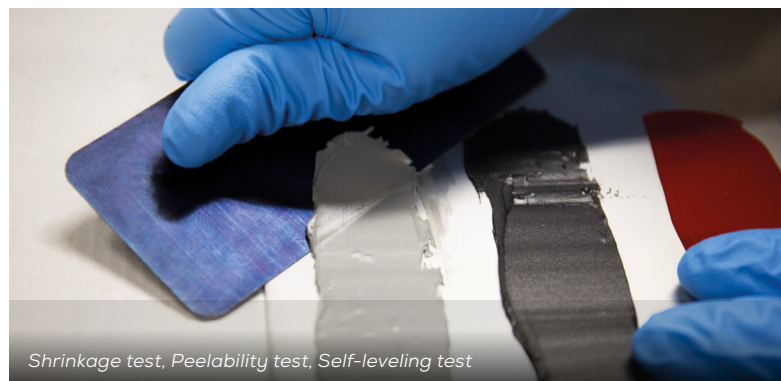


Resistance and non-deformation test when soaked in petrol

EASE OF APPLICATION AND EXCELLENT PEELABILITY

Athesil has excellent filling and self-leveling properties, which allow for **easy and homogeneous application on both horizontal and vertical surfaces**.

It is easily peelable, a feature that ensures **fast removal** during engine rebuilding. Each tube is sold with a **nozzle** and an **applicator tip**.



Shrinkage test, Peelability test, Self-leveling test

► TECHNICAL DATA

MEASURABLE VARIABLES	VALUE	TEST STANDARD
Density	1,22 g/cm³ + 0,02	DIN EN ISO 1181
Elastic recovery	> 70%	DIN EN ISO 7389-B
Modulus 100%	< 0,4 N/mm²	DIN EN ISO 8339
Elongation at break	> 500%	DIN EN ISO 527-2
Tensile strength	1,7N/mm²	DIN EN ISO 527-2
Fire behavior according	Class E	DIN EN ISO 13501