Formoa 063

Technical Data Sheet

App International Pty Ltd · 3 Wulbanga Street, Prestons NSW 2170, Australia · Ph 1300 571 757
App International Asia · Jakarta, Indonesia · www.appinternational.com.au

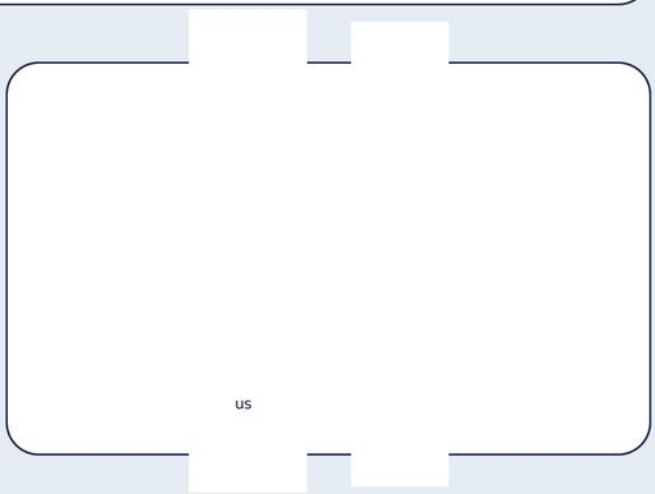
Technical Data Sheet: FORMOA 063

Product Description

Formoa 063 is a single-component MS Polymer adhesive sealant. It is designed for sealing and low-strength bonding applications that require a low viscosity and high grab sealant.

Key Features

- High bond strength.
- Excellent adhesion.
- ISEGA Food Contact Certification
- Application even in adverse conditions.
- Very easy to tool and finish.
- Good extrudability.
- Ecological advantages - free of isocyanates, solvents, halogens and acids.
- High UV performance.



Applications

- Internal / external sealing and bonding applications in the automotive, mass transportation, commercial vehicle, caravan, marine, rail and aerospace industries.
- Sealing where a tough / flexible, anti-pick joint is required.
- Bonding of interior / exterior mouldings and sheet material.

Accreditation

PRODUCT SAFETY ISEGA WITH LETTER AND SEAL

ISEGA: 57431 U 22

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Technical Characteristics

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Properties	Formoa 063
Base Material	Hybrid Polymer
Consistency	Stable Paste
Curing System	Moisture
Through Cure Rate (mm/24hrs)	3.5
Density (Kg/l)	1.58
Elasticity Modulus at 100% (N/mm2)	1.2
Elongation at Break (%)	>480
Tensile Strength (N/mm2)	>2
Max Open Time (mins)	30
Shear Strength (N/mm2)	>1.5
Shore A Hardness ±5	60
Skin Over Time (mins)	16
Viscosity C&P @ 0.6 s-1 (Pa.s)	1500
Volume Alteration (%)	>1
Colour Stability UV Exposure ASTM G154 (CIELab - ΔE)	>1

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

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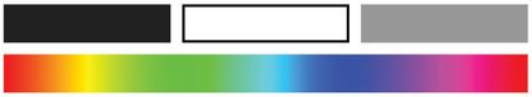
Colours

White, black, grey and other colours on request.



Shelf Life

12 months in unopened packaging, in a cool and dry storage place at temperatures between +5°C and +25°C.

Application Instructions

Method	Manual or pneumatic caulking gun.
Application Temperature	+10°C until +30°C.
Substrates + Priming	Ensure substrates are clean, dry, free of dust and grease. When bonding, Formoa® Surface Activator may be used on non-porous surfaces. We recommend preliminary compatibility tests previous to application.
Cleaning	White Spirit or Formoa® Surface Cleaner immediately after application and before curing.
Tooling	Soapy solution before skin formation.
Repair with	Formoa® 063.

Volumes Available.

Cartridge 290ml	Foil 600ml	**200L** on request

Resistance to Chemicals

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons.

Remarks, Disclaimer & Health and Safety

Disclaimer - 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 us, 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.

Health and safety - Refer to Safety Data Sheet (SDS) for further information. Apply the usual industrial hygiene.

Reviewed July 2023