



SealTek™ 1120 Product Data Sheet

Product Description

SealTek™ 1120 is a medium viscosity, cure in place gasket. This system forms a resilient, soft and flexible gasket that can conform to almost any dimensional surface. It can be process at one of our facilities to produce a material with excellent chemical, heat, and moisture resistance. SealTek 1120 replaces the need for in-house the assembly of O-rings and Gaskets.

Features and Benefits

- One part system
- Excellent Automotive chemical resistance
- Dual cure system
- Good adhesion to materials including aluminum, steel, and other metals and plastics
- Forms to complex dimensions
- Reusable

Properties of Uncured Material (resin)

Chemical Type	Acrylic
Appearance	Black or Clear <i>Other colors available on request</i>
Specific Gravity	0.96
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	4,500

Properties of Cured Material

Regular Cure Schedule	15sec @300WPI D-bulb
Alt. Cure Schedule (200 °C)	4min
Hardness @ 25°C, Shore A	35-55
Shelf Life	Indefinite
Operating Temp.	-40 to 177°C
Intermittent Temp.	195°C

Environmental Properties of Cured Material

Environment	Temperature	Seal Test	
		24 hr	168 hr
5w30 oil	150°C	Pass	Pass
Brake Fluid	150°C	Pass	Pass
50/50 Long Life Coolant	100°C	Pass	Pass
Transmission Fluid	150°C	Pass	Pass
Gasoline	23°C	Pass	Pass
High Temp Age	150°C	Pass	Pass

Sealing test was conducted with M-10 hex head phos-oil bolts seated to 5 Nm in a steel tapped plate. The fasteners were pressure tested to 100 psi.

General Information

Storage

Liquid product should be stored in cool, dry conditions. SealTek 1120 when liquid has a shelf life of 12 months when stored at 25°C. Storage in cool, clean areas is recommended. Usable shelf life may vary depending on method of applications and storage conditions.

Finished product when stored for long periods of time should be in clean, cool areas.

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.

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Technical data contained within this document is intended for reference only
For assistance and recommendations on specifications for this product, contact ND Industries

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Page 1 of 1