

AS12SL

Product Description:

AS12SL is a 1-part silicone RTV developed for coating applications. AS12SL offers unprimed adhesion to many metals and plastics. When cured, AS12SL results in a very flexible and durable silicone adhesive coating. The elastomer resists weathering, ozone, moisture, UV and high temperatures.

Product Features:

- Room temperature cure
- Excellent unprimed adhesion to plastic, metal and glass
- Self-leveling liquid
- Acetoxy Cure

Curing:

RTV stands for Room Temperature Vulcanization, which means to cure at room temperature. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.

Offset For:

Momentive (GE) RTV112 White
Momentive (GE) RTV118 Translucent
Dow Corning 734 (RTV734)
MIL-A-46106* Group I, Type II related materials.

Method of Application:

Dip or dispense coating onto assembly, allow product to cure.

Service Temperature:

-45 to 250°C

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Self-Leveling Silicone RTV Adhesive Coating

Typical Properties:

UNCURED

*Color:	Translucent, White, Clear
Viscosity, cps	30,000 – 40,000
Specific Gravity	1.03
Consistency	Self-leveling liquid
Working time, mins. @ R.T.	8
Tack Free Time, mins. @ R.T.	14
Solids, %	98
VOC, %	1.73

*(custom colors available upon request)

CURED – ROOM TEMPERATURE

Cured – 72 hrs. @ R.T.	
Tensile Strength, psi	325
Elongation, %	325
Durometer, Shore A	25
Peel Strength, PPI	40

Typical Applications:

- Coating assemblies
- Industrial sealing
- Thin section potting & encapsulation

Handling and Safety:

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to SDS.

Limitations:

Do not use product on head gaskets, solvent or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.



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Shelf Life:

In sealed containers, 1 year when stored in a cool dry area.

Packaging:

Available in standard 3 fl. oz. tubes and 10.3 fl. oz. cartridges. Other size packaging available upon request.

Limitations:

*Testing for referenced MIL Spec is performed in accordance with Aerospace Sealants quality test methods, laboratory conditions, and procedures, frequency and sampling, which are not necessarily identical with the methods, conditions, procedures, frequency and sampling stated or referenced in the listed specification. Any certification will be limited to listed properties and will not imply or state conformity to any other aspect of the referenced specification, including but not limited to marking, packaging, bar coding, testing, or sampling.

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