

KS130 Silicone

Description

KS130 is a fast curing silicone RTV adhesive rubber developed for difficult to bond to plastics applications, like Tygon™. KS130 is a 1-part silicone that when applied to the substrate allows handling of the bonded assembly within an hour. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. KS130 works well in manual and automatic dispensing equipment.

Technical Features

Appearance	White
Viscosity	400000 cps
Specific Gravity	1.28
Consistency	Thixo Paste
Pot life @ RT	8 minutes
Tack Free Time @ RT	20 minutes
Cure Time	72 hours @ RT
Durometer	35 Shore A
Tensile Strength	275 PSI
Elongation	350%
Peel Strength	20 PPI
Service Temperature	-45 to 260°C

Product Features

- Excellent unprimed adhesion to plastics
- Fast RT cure
- Non-corrosive
- Chemical Cure System is Oxime
- Bonds to Tygon™ and other highly plasticized plastics

Typical Applications

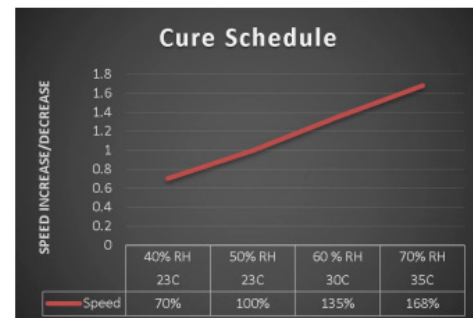
- Industrial bonding
- Form in place gaskets
- Adhesive Sealant

Solids

98% solids

Curing

Cure speed can be accelerated with increased humidity and heat to very rapid cure times. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.



Limitations

Allow to fully cure before putting assembly into service.

Handling Precautions

This is a platinum cure system product. The catalyst can be deactivated by exposure to sulfur containing compounds like thiols, sulfides, sulfates, organic rubber containing sulfur, nitrogen containing compounds like amines, amides, imides, azides, tin metals or compounds, or tin cured RTV's.



CHEMENCE®

KS130

Silicone

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Apply adhesive to one substrate. Assemble parts and allow curing. Wipe excess adhesive from outside of joint.

Dispensing systems are available for high volume assembly applications. Please contact your Krylex representative for further advice on dispensing solutions.

Storage

Store in a cool area out of direct sunlight. Refrigeration to 5° gives optimum stability.

General Information

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

For safe handling of this product consult the Material Safety Data Sheet.

Notes

The data contained in this data sheet may be reported as typical value and/or range. Values are based on actual test data and area verified on a regular basis.

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Nothing herein shall be considered as recommending practices or products in violation of any patent, law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. WE MAKE NO WARRANTIES REGARDING THE PRODUCTS AND DISCLAIM ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



CHEMENCE[®]