

FLUOROSILICONE SEALANTS

Product Information:

This product is a one component room temperature vulcanized liquid fluorosilicone rubber that can be used for a long time in the range of -60°C to 200°C. It exhibits excellent waterproof properties and low air permeability, resistance to various chemical reagents and oils, and good adhesive performance with a range of materials. It is used for adhesive caulking of fuel-resistant or non-polar solvent parts, such as in narrow spaces, irregular grooves, and seams, assembly and repair of motor parts that cannot be welded, fuel operating system support plates, overall sealing and caulking work for aircraft fuel tanks, and more.

Technical Index:

	Appearance	Tensile Strength (MPa)	Elongation at Break (%)	Tear Strength (KN/m)	Hardness (Shore A)	Surface Drying (min)	Curing Depth (mm)	Other Features
Test Method	visual assessment	GB/T528	GB/T528	GBT529	GB/T531	GB/T 13477.5	Cutting after curing	
AFS®-RTV-1110 (Deacidifying)	white or black paste	1.5~2.7	200~250	6~8	25~45	10~30	2~4	1.It is non-corrosive to metal during vulcanization.
AFS®-RTV-1120 (Deoxime)	white paste or semi-liquid	1.5~2.2	200~350	7~12	25~45	10~25	2~4	2.It can move after 24 hours of vulcanisation at room temperature, and its strength reaches peak after 1 week.
AFS®-RTV-1130 (Dealcoholizing)	white or black paste	0.5~2.0	150~300	2~5	25~45	35~60	2~4	

How To Use:

1. Preparation: Use alcohol or acetone and other cleaning agents to wipe the surface of the bonding parts, removing dust and oil.
2. Construction: Apply the product directly to the bonding surface that requires adhesion, or mix it with ethyl acetate, methyl acetate, or other solvents in a 1:1 ratio and brush it onto the surface that needs protection.

Attention:

1. Unused product should be sealed and stored to prevent curing.
2. Avoid contact with eyes. If the product accidentally gets into your eyes, rinse immediately with water and seek medical attention.
3. This product may release gas during curing, which can be irritating to the eyes. Therefore, please wear protective masks and other personal protective equipment when using it.

Package:

Packaged in a 50g aluminum tube or a 300g PP tube.

Storage:

Shall be stored in a dry and ventilated environment at room temperature, the shelf life is three months.

Transportation:

Transport this product as non-hazardous materials.