

# BANSAL INSULATION AND MICA HOUSE

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We deal in all kinds of Electrical Insulation, Transformer accessories and Safety products.

## Silicone Tubing

Bansal Insulation and Mica House Silicone Tubing is a product manufactured from silicone rubber. These tubes are used in a wide range of industries including Food , Automotive, Electronic Telecommunications, Chemical, Medical and Biotechnology sector. Silicone Rubber tubing is available in many distinct grades and configuration hence basically classified in three groups: MEDICAL / FOOD GRADE ( Platinum Cured Silicone Tubings ) , HIGH PRESSURE and GENERAL PURPOSE.

### PROPERTIES OF SILICONE TUBES:

Some of the most distinguishing properties of the silicone tubes and hoses are:

- They are hydrophobic.
- They are highly flexible
- They are reusable after repeated sterilization.
- Translucent in color.
- They odorless, tasteless and inert.
- The tubes are non-toxic.
- They are non reactive to body fluids and tissues.
- They are able to resist high levels of temperature ranging between -660 C to +2500 C
- They have excellent weathering properties and resist UV, ozone, gases, moisture and extreme temperatures

### Performance parameter

Hardness, Shore A $\pm 5$	50
Tensile Strength, psi	1444
Elongation at Break, %	608
Brittle Temperature, °F	-100
Tear Resistance, Die B, ppi	120
Modulus at 100%	186
Max. Operating Temperature, °F	500
Max. Operating Temperature for NSF, °F	350