



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner



Fevicol Ac Duct King Optima:

Low VOC synthetic rubber based adhesive to bond nitrile rubber in HVAC applications.

Fevicol AC Duct King Optima is a synthetic rubber based, low VOC product specially developed for various application in HVAC industry. It is an excellent adhesive to bond Nitrile rubber for insulating HVAC ducts, Chilled water pipe lines and under deck for various industrial & residential projects.

Characteristics :

Appearance	Very light yellow liquid
Viscosity at 30° ±	10-15 poise
Temperature Resistance	-20° C to 85°C
Specific Gravity	0.865 – 0.895
VOC	< 320(+/- 2%) gms/ Liter
Coverage by Spreader	7 m ² / Kg (Bonded area)
(Under identical lab test conditions at ambient, on smooth nonporous substrate with single side application)	
Shelf Life & Storage	18 months from the date of manufacturing & when stored in a dry and cool place in the original unopened container (Recommended Storage temperature: 20-30°C)
Packing	30 Kg Plastic Drum.

Application :

- HVAC DUCTING: To bond Nitrile Rubber, EPDM, (20 mm thickness Max) to duct Surface
- Chilled water piping: To bond Nitrile Rubber, EPDM (15 mm thickness Max.) to MS pipe line
- Acoustic Insulation: To bond Nitrile Rubber, EPDM (20 mm thickness max) to concrete walls, Vertical surface & duct lining.
- Under deck Insulation – TO bond Nitrile Rubber, EPDM, (20 mm thickness max) to smooth concrete wall surface (Mechanical Fasteners are recommended for under deck Insulation)



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Advantages :

- Low VOC Product improves the IAQ.
- Mild smell does not cause any irritation to the occupants/ Applicators.
- Suitable for low Ventilated area.
- Very strong bonding ensuring zero reworking costs.
- Free from Carcinogenic compounds.

Precautions & Limitations

- Keep the container closed when not in use. Stir the Adhesive well before use.
- Contains flammable solvents, so precautions required in storing.
- Adhesive or vapor from the adhesive should not come in contact with fire spots, naked flames or welding area on shop floor/work site.
- Do not use adhesive on undulated surface
- Use of PPE's (protective hand gloves, mask and goggles) is strongly recommended
- MSDS available on request

NOTE: The Product information & application details given by the company & its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no expresses or implied guarantee/ warranty as to the results obtained. The company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.