



# STARFIX NG-81-10

(Duct Liner Adhesive)

## DESCRIPTION

NG-81-10 is inflammable, single component adhesive based on synthetic rubber with special tackifier and additives. It is specially developed for porous and non-porous substrate in humid and hot climatic conditions. It has very good water and alkali resistance.

## USES

NG-81-10 can be used in applications where fibrous glass and other type of insulation are bonded to the interior or exterior of metal duct system.

## ADVANTAGES

- Excellent bonding to most of porous and non porous surfaces.
- Water resistant.
- Excellent heat resistance.
- Chemical resistance.
- Suitable to middle east climatic condition.
- Very easy to apply.

## SURFACE PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles.

## METHOD OF APPLICATION

Apply NG-81-10 with brush, roller or pressure feeding equipment evenly on both surfaces, wait until solvent is fully evaporated. After the evaporation of solvent in adhesive, assemble the surface by applying normal hand pressure.

In case of fibrous wool, apply NG-81-10 evenly by brush or any suitable equipment over the GI sheet and wait for 5 to 10 minutes before bonding the glass wool.

## OPEN TIME

5-20 minutes depending upon applied film thickness, substrate and climatic conditions.

## COVERAGE

The wet coverage of NG-81-10 is 5 to 7 m<sup>2</sup> /kg subjected to type of surface and nature of material being bonded. To get proper coverage, always keep the container's spout closed to prevent the solvent evaporation.

## CAUTION

Adequate ventilation must be maintained, particularly in confined spaces. Due to volatile in nature of solvent, keep away from source of ignition such as pilot lights or sparks. Prohibition of smoking must be rigidly enforced in the vicinity of use. Do not open lid of container use spout only, to prevent and minimize the evaporation.

## STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>25<sup>0</sup>C). Shelf life is up to 12 months in an unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. Please follow the petroleum regulation and law of the land.



### CLEANING

Clean all the tools with aromatic solvent.

### PACKING

NG-81-10 is available in 15 liters spouted metal pail.

### HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

**INHALATION:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

### WARRANTY

*The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.*

### TECHNICAL DATA

Base	Synthetic Rubber
No. of component	One
Color	Yellow / Green / Amber Red
Solid %	22 ± 5
Consistency	Flow able liquid.
Viscosity @ 25°C, S6, rpm 20	2000-10000 cps (Brook field)
Density	0.82 ± 0.05
Service Temp.	-20° C to + 96° C
Flash Point	Below 10° C
Water Resistance	Excellent
Chemical resistance	Good
Solubility	Aromatic solvent

## Star Adhesive & Resin Ind. Factory