

# D-SEALNAK

## DUCT SEALANT

**PRODUCT DESCRIPTION D-SEALNAK** Duct sealant is a one-component extremely flexible sealant, with high mold and bacterial resistance. Specially used for sealing in air ducts, air shafts, air conditioning units and ventilation units.

### PROPERTIES

- Tested according VDI 6022
- Extremely flexible and durable
- Mold and bacterial resistant
- High performance, excellent adhesion on metals
- Low odor
- VOC free
- Does not slump in vertical joint gaps.
- Easy application
- Can be used for sealing on damp surfaces
- Can be painted once it hardens.
- Resistant to UV degradation Does not contain solvents
- Easy to clean with water

**USE** Specifically suitable to seal air ducts, air shafts, air conditioning units and ventilation units.

**PACKING** 300ml cartridge

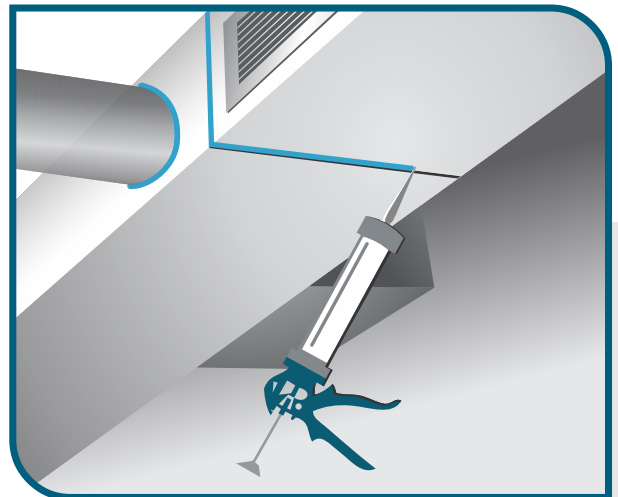
**STORAGE / SHELF LIFE** 18 months shelf life from production date, unopened original sealed package stored in a dry place, between +5°C and +30°C.

### SURFACE PREPARATION

- All substrates must be clean, and free of grease and dust.
- Substrates to be cleared of all loose particles.
- Substrates do not need to be absolutely dry.
- Always test adhesion prior to application.

### APPLICATION

- Application temperature +5°C to +40°C (applies to environment and substrates).
- Cut the cartridge at the top and screw on the nozzle.
- Cut the nozzle according to the width of the joint.
- Apply the sealant as evenly as possible.
- Finish and smooth with soaped water.



*for sealing joints on  HVAC DUCTS*

**NAKHOUL**  
CORPORATION  
SINCE 1976

JOINT DEPTH (mm)	JOINT WIDTH (mm)			
	4	6	8	10
4	18,7	12,5	9,3	
6		8,3	6,2	5
8			4,7	3,7
10				3

• The table shows the total length of joints that can be achieved with one 300ml cartridge according to the different width and depth of the joint.

## TECHNICAL DATA

<b>Uncured sealant</b>		
Basis	23°C / 50%	acrylic dispersion
Appearance	relative humidity	paste
Hardening Mechanism		water evaporation
Density		500 ± 20kg/m <sup>3</sup>
Skin formation time		20±10 min
Application temperature		+5°C to +40°C
<b>Hardened sealant</b>		
Hardness Shore A	ISO 868	20-25
Tensile Strength	SIST EN 28339	0,2±0,02 MPa
Elongation at break	SIST EN 28339	400±100%
Volume Change	SIST ISO 10563	17±2%
Temperature resistance		-20°C to +75°C

**D-SEALNAK** Meets the requirements of SMACNA and Dw144

### SAFETY PRECAUTIONS

There are no known safety issues concerning the D-SEALNAK duct sealant.

### NOTICE

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Due to specific conditions and ways of using of the product, we recommend to perform thorough preliminary tests for any type of use.

Made in Slovenia for **Nakhoul Corporation**