

# TECHNICAL DATA SHEET

## DOLPHIN DUCT ACRYLIC SEALANT

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## PRODUCT DESCRIPTION

**Dolphin Duct Acrylic Sealant** is a single component; high-performance sealant and ideal to use in HVAC applications. Dolphin Duct Acrylic Sealant provides excellent strength, bonding and forms a strong seal against air leakage. The product is acrylic emulsion-based hence, eco-friendlier, and paintable after full cure.

## TECHNICAL PROPERTIES



Properties	Test Method	Specifications
Chemical Base		1-C Silicone
Cure Mechanism		Air Drying
As Supplied @ 25°C, 50% RH		
Color		White, Grey
Consistency		Homogeneous paste
Density	ASTM D 1475	1.68 ± 0.02 g/ml
Flow Properties	ASTM C 639	0 (non-sag) mm
Tack Free Time	ASTM C 679	Approx. 5-10 minutes
As Cured – 7 Days @ 25°C, 50% RH		
Hardness (Shore A)	ASTM D 2240	55-75 Points
Full Cure Time	Lab Test	2-3 Weeks
Service Temp.		+5 to +85 °C
Application Temp.		10 – 45 °C

(Information on this data sheet is subject to change without prior notice and should not be used for writing specifications)  
(Curing time (Skin Over Time & Tack Free Time) may vary depending on climatic condition during application)

## TYPICAL USES

- Sealing pipe joints
- Ductwork
- Ductwork seams
- HVAC application

## KEY FEATURES

- Paintable
- Non-Cracking
- Recommended for HVAC



WORLD-CLASS  
CHEMICALS

<b>Colors</b>	<b>Dolphin Duct Acrylic Sealant</b> is available in White and Grey color. *Special color orders may require lead time and minimum order quantities.
<b>Packaging</b>	<b>Dolphin Duct Acrylic Sealant</b> is available in standard caulking cartridges, buckets, and drums.
<b>Surface preparation</b>	The substrate areas that will be in contact with sealant must be clean, dry, and free of all loose materials, dust, dirt, rust, oil, and other contaminants. Non - porous substrates should be cleaned with a solvent and a clean, lint - free, cotton cloth. Wipe dry immediately with clean cloth before the solvent evaporates from the surface.
<b>Tooling and finishing</b>	<b>Dolphin Duct Acrylic Sealant</b> should only be used where slight joint movement is anticipated. For extremely deep joints, use foam joint filler. Tool sealant after application and before tack-free skin formation. Tooling of sealant should be done in one continuous stroke. Use masking tape adjacent to joint to obtain a cleaner joint. Remove masking tape immediately after tooling.
<b>Cleanup and removal</b>	Excess caulk should be cleaned off tools and non-porous surfaces while it is in the uncured state using a wet cloth. Cured sealant can only be removed mechanically.
<b>Paint ability</b>	A minimum of 2 hours dry time is required before painting with latex or oil- based paint. Allow extra dry time during periods of high humidity
<b>Storage and shelf life</b>	When stored in original unopened container at or below 77°F (25°C) in dry warehouse conditions, <b>Dolphin Duct Acrylic Sealant</b> has a shelf life of 24 months from manufacturing date. Containers should always be kept sealed when not in use.
<b>Handling precautions</b>	Use in well-ventilated area. Direct contact of uncured sealant may irritate eyes and skin. Over exposure to vapor may irritate eyes, nose, and throat. Do not handle contact lenses with sealant on hands. In case of eye contact, flush eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, remove from skin and flush with water.

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

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