

Product Data Sheet

KISS® - Adhesive System for Offshore & Subsea Use

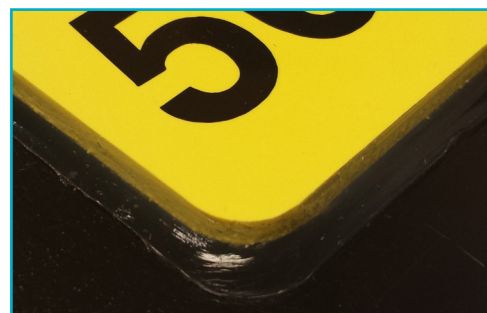
General Information

KISS® - KEEP IT SIMPLE, SEAL

KISS® is a two-part adhesive system that is fully tested and certified for long-term offshore and subsea use, offering flexibility and security for all fixing requirements and applications.

The KISS® range utilises a high-performance solvent-free self-adhesive tape, combined with our single component silicone sealant - Biohesive® 225 which provides excellent resistance to salt laden and marine environmental conditions.

The KISS® adhesive system can be used to securely bond a wide variety of materials such as metals, plastics and vinyls.



Mechanical Properties

- Excellent resistance to natural ageing (UV, weathering and salt mist)
- Verified to withstand 8.5m/s slam velocity, acceleration +/-1g, vibration forces up to 65g
- Pressure tested to withstand 700 bar (10150 psi)
- Dielectric; will not interfere with Cathodic Protection systems or suffer loss of adhesion
- 60 year performance guaranteed

Operational Data

Characteristic	KISS® Self-Adhesive Tape	Biohesive® 225
Curing Time	24 Hours	24 Hours
Coverage	100% Back of Marker	310ml Cartridge = 0.25m ²
Clean	KISS® Wipes (IPA)	
Work Temperature	Minimum 10°C	
Storage Temperature	Minimum 4°C / Maximum 38°C (0-95% relative humidity)	
Temperature Resistance	Minimum 40°C / Maximum 110°C	
Shelf Life	Maximum 24 Months - Check expiry details on cartridge	

*Curing begins as soon as the product comes into contact with atmospheric humidity.



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KISS® - Subsea Approved Self-Adhesive System

Technical Data

Characteristic	KISS® Self-Adhesive Tape	Biohesive® 225
Appearance	Translucent	Translucent
Curing System	-	Acetoxys
Consistency	125 Micron Solid	Thixotropic
Flowability (mm)	-	< 2
Extrusion (g/min)	-	50
Specific Gravity (25°C)	-	1.04
Solids Content	100	100
Flaspoint	-	> 200
Solvent	None	None

Product Application

Our KISS® installation video is available to view on YouTube, providing a step by step illustration of our self-adhesive fixing method - [click here](#) to view.

Storage & Handling

The maximum shelf-life of our KISS® fixing system is 24 months.

It is recommended that the KISS® tape and Biohesive® 225 sealant are stored in a temperature controlled environment - Minimum: 4°C / Maximum: 30°C (0-95% relative humidity).

Ensure the brown paper backing remains in place prior to installation, when removing take care not to lift the self-adhesive layer.

Health Information

Download our corresponding Material Safety Data Sheet (MSDS) on www.aquasign.com.

Availability

KISS® tape is supplied pre-bonded to the back of the selected material. Biohesive® 225 is supplied in 310ml caulking cartridges which can be resealed. Manual caulking guns are also available in our accessory kits. Products are made to order with a general turn-around of 5 working days from receipt of Purchase Order.