

# SNAD®

SNap ADhesively attached



YKK Snap Fasteners America Inc. introduces its SNAD snap components for industrial users. Unlike conventional metal screw studs used in many marine and related applications, this product will not snag clothing or deteriorate from exposure to sunlight, sand or grit.

What's even more amazing about the SNAD fasteners is how they are secured to the desired substrates. On the underside of each part is a pad of 3M™, VHB™ acrylic conformable foam adhesive that enables the snap to be adhered without

having to drill a hole! For more than 20 years the VHB™ product line has proved to be tough in marine, automotive, medical, aerospace and even architectural applications. In order to bring flexibility and convenience to discriminating industrial users, YKK has adapted its use for our patented SNAD socket and stud designs. Installation is simple. Clean the surface where the snap is to be applied, peel off the protective paper backing, position in place and firmly hold the SNAD socket or stud in place and release. **No tools, no splits, no holes!**

## Applications

- Use wherever a conventional screw stud might be used:
  - » Marine carpeting for decks
  - » Canvas for decks, bulkheads or panels
  - » Upholstery cushions and seating
  - » Console covers
- Use to replace existing screw studs eliminating the need to fill-in the screw hole.
- Use where screw studs are impossible to be used because substrate won't hold a screw in place or cannot be penetrated.

## SNAD FASTENER OPTIONS



RIGID DOME



FLEXIBLE BASE



## Features:

- Attaches to a variety of high energy surfaces with adhesive. No holes!
- DIY friendly, no tools required for installation
- 3M™, VHB™ Tape adhesive for quick, simple application
- Conformable foam fills in surface "nooks and crannies"
- Automotive grade POM with UV inhibitor
- Components compatible with any brand of Style 2 Snaps meeting Mil Spec 10884
- Versions designed for flat surfaces or curved (convex or concave)
- Flexible base can accommodate layered substrates
- Withstands pressures of 0.6 to 1.0 bar for 5 minutes
- Field tested by marine canvas professionals coast to coast.
- Can be engineered with a selection of resins and VHB formulations to meet specific requirements.
- Stud and socket versions available.
- Standard Colors - White and Black - Custom colors are available with volume commitment

## Benefits:

- Provides secure attachments without damaging substrates.
- Misplacements easily corrected.
- 25 years of documented performance under various conditions in a variety of applications.
- Conforms to non-slip deck or panel patterns.
- Works with the snaps you are using now or those on mating components.
- Ensures consistent snap action over repeated use.
- Confidence in using a "revolutionary" snap concept.
- Replace existing screw studs without the extra time and effort required.
- Expands potential for attachments on thin wall construction
- Versatility in appearance and application.
- New design freedom for engineers, designers, and craftsmen.

## Basic Specifications

Part	Part #	Diameter	O/A Height	Material	Color	Adhesive
Domed Socket	PG1	40mm 1 9/16 "	5.3 mm 7/32"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
						
Domed Stud	PG3	40 mm 1 9/16 "	6.5 mm 1/4"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
						
Domed Stud	QW9	25 mm 1"	5.4 mm 7/32"	UV Acetal Body	White Black	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
						
Flexible Base Socket	QR8	25 mm 1"	6mm 15/64"	SSTL Socket Silicone Body	White Black Gray	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
						
Flexible Base Stud	QL7	25 mm 1"	8 mm 5/16"	SSTL Stud Silicone Body	White Black Gray	VHB 4941 Conformable 45 mils (1.1 mm) 3/64" Gray
						

**Design Criteria-** For detailed product specifications and application design criteria see SNAD® Technical Brochure at [www.ykksnap-america.com/marine](http://www.ykksnap-america.com/marine)

### Surface Preparation Instructions and Application Guidelines

Snap components will adhere to most clean, dry and well-unified surfaces. SNAD fastener components will adhere to most clean, dry and well-unified (high energy) surfaces. Typical surface cleaning solvent is a 50/50 isopropyl alcohol (rubbing alcohol) and water mixture.

### Application Pressure:

Bond strength is dependent upon the amount of adhesive to surface contact. Firm application pressure develops a better adhesive bond and thus improves bond strength.

### Application Temperature:

Ideal application temperature is 70°F to 100°F (21°C to 38°C).

### Dwell Time

After application, the bond strength continues to increase and approaches the ultimate bond strength after 72 hours at 70°C (21°C). Typical bond strength build up: 20 minutes 50%, one hour 75%, one day 90% and three days 100%.

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