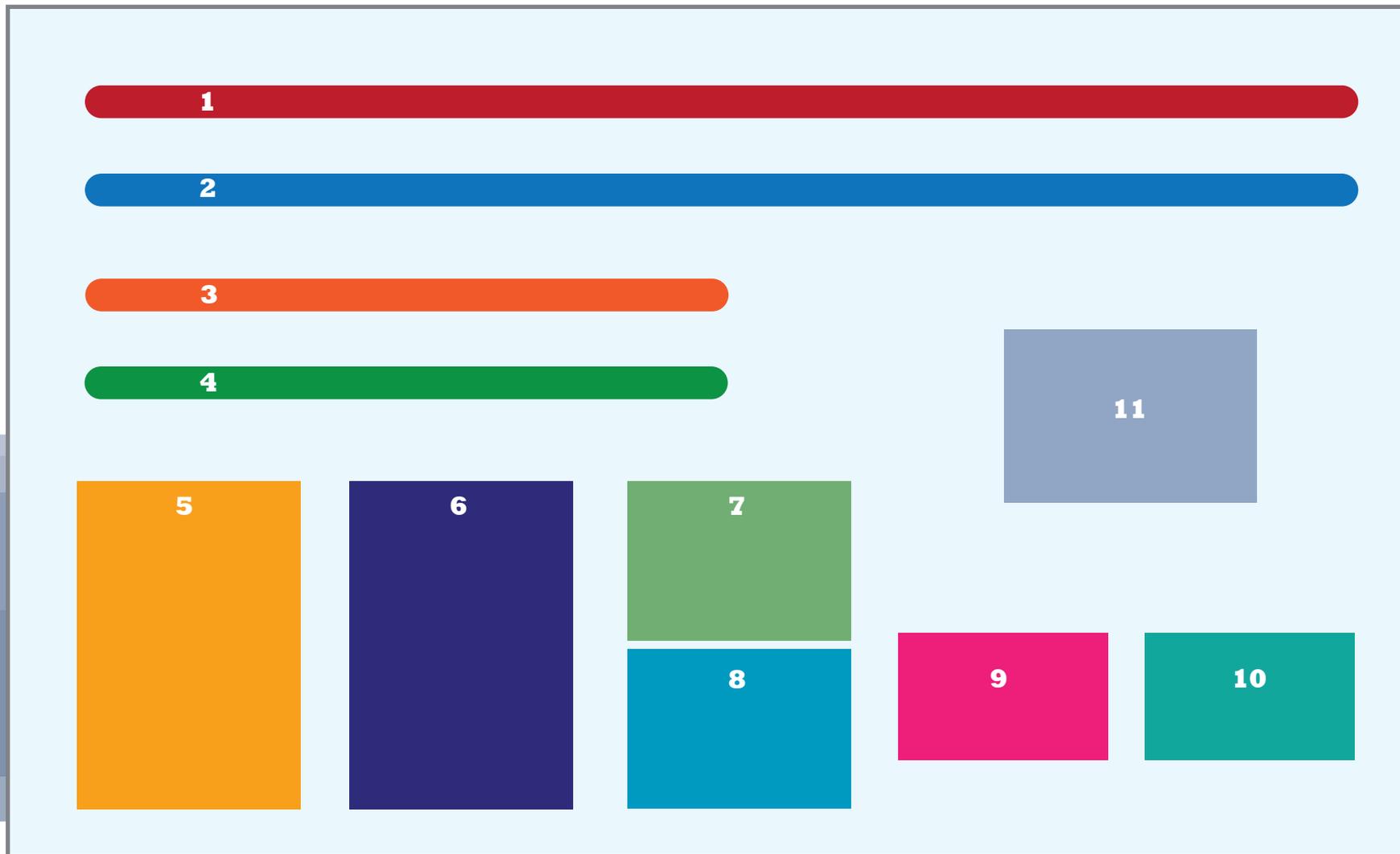




Design Engineer Tape Kit

Bonding Tapes



1

3M™ VHB Tape
4941

This VHB tape utilizes a multi-purpose acrylic adhesive. It offers excellent adhesion to a broad range of high and medium surface energy substrates including metals, glass, plastics and plasticized vinyl.

2

3M™ VHB Tape
4910

This VHB tape is ideal where a clear or colorless adhesive is desired. Its adhesive is suitable for high surface energy substrates.

3

3M™ VHB Tape
4950

This VHB features the highest level of foam strength in the 3M VHB Tapes family. It is typically used on metal, glass, and high surface energy plastic substrates.

4

3M™ Double Coated Tape
9626C

Double Coated Tapes with 3M Adhesive 360 provides high bond strength to most surfaces, including many low surface energy plastics such as polypropylene and powder coated paints.

5

3M™ VHB Tape
4905

This VHB tape is ideal where a clear or colorless adhesive is desired. Its adhesive is suitable for high surface energy substrates.

6

3M™ VHB Tape
4646

This VHB tape is typically used on metal substrates, and has the added feature of high temperature resistance, making it often suitable for bonding prior to high temperature paint processing.

7

3M™ Double Coated Foam Tape
4032

Urethane foam is constructed of open cells. It is ideal for applications where the tape is protected from the environment. It is commonly used to attach wire clips to various surfaces.

8

3M™ Double Coated Foam Tape
4462W

This foam is specially formulated for many indoor general purpose mounting and joining applications including bonding polyethylene, polypropylene and many other plastics. It features high initial adhesion to a variety of surfaces.

9

3M™ Double Coated Foam Tape
4004

Urethane foam is constructed of open cells. It is ideal for applications where the tape is protected from the environment. It is commonly used to mount interior signs and nameplates.

10

3M™ Double Coated Foam Tape
4008

Urethane foam is constructed of open cells. It is ideal for applications where the tape is protected from the environment. It is commonly used to bond acoustic panels to walls.

11

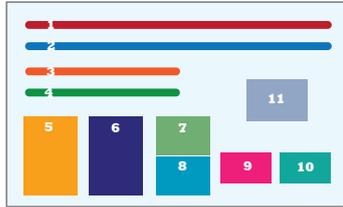
3M™ VHB Tape
4959

This VHB features the highest level of foam strength in the 3M VHB Tapes family. It is typically used on metal, glass, and high surface energy plastic substrates.



Design Engineer Tape Kit

Bonding Tapes



1
3M™
VHB Tape

4941

ATTRIBUTES

Grey ▪ Closed Cell Acrylic ▪ 45 Mil

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side 3M VHB liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



2
3M™
VHB Tape

4910

ATTRIBUTES

Closed Cell Clear ▪ Acrylic ▪ 40 Mil

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side 3M VHB liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



3
3M™
VHB Tape

4950

ATTRIBUTES

White ▪ Closed Cell Acrylic ▪ 45 Mil

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side 3M VHB liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



4
3M™
Double Coated
Tape

9626C

ATTRIBUTES

Clear ▪ 3M 360 Adhesive ▪ .10 mm

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side tan liner to expose both sides of adhesive. For best results apply to a clean, dry surface. To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane.



5
3M™
VHB Tape

4905

ATTRIBUTES

Clear ▪ Closed Cell Acrylic ▪ 20 Mil

APPLICATION INSTRUCTIONS

Unwind roll and remove 3M VHB liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



6
3M™
VHB Tape

4646

ATTRIBUTES

Dark Grey ▪ Closed Cell Acrylic ▪ 25 Mil

APPLICATION INSTRUCTIONS

Unwind roll and remove 3M VHB liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



7
3M™
Double Coated
Foam Tape

4032

ATTRIBUTES

White ▪ Double Coated Urethane Foam Acrylic
1/32nd Inch Thick

APPLICATION INSTRUCTIONS

Unwind roll and remove green 3M liner to expose both sides of adhesive. To obtain optimum adhesion, surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water.



8
3M™
Double Coated
Foam Tape

4462W

ATTRIBUTES

White ▪ Double Coated Polyethylene
Foam Rubber ▪ 1/32nd Inch Thick

APPLICATION INSTRUCTIONS

Unwind roll and remove white top side liner to expose both sides of adhesive. To obtain optimum adhesion, surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water.



9
3M™
Double Coated
Foam Tape

4004

ATTRIBUTES

White ▪ Double Coated Urethane
Foam Acrylic ▪ ¼ Inch Thick

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side green 3M liner to expose both sides of adhesive. To obtain optimum adhesion, surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water.



10
3M™
Double Coated
Foam Tape

4008

ATTRIBUTES

White ▪ Double Coated Urethane
Foam Acrylic ▪ 1/8th Inch Thick

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side green 3M liner to expose both sides of adhesive. To obtain optimum adhesion, surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water.



11
3M™
VHB Tape

4959

ATTRIBUTES

White ▪ Closed Cell Acrylic ▪ 120 Mil

APPLICATION INSTRUCTIONS

Remove extended white release liner and top side clear liner to expose both sides of adhesive. Most substrates are best prepared by cleaning with a 50:50 mixture of isopropyl alcohol and water prior to applying 3M VHB Tapes. After application, the bond strength will increase as the adhesive flows onto the surface. 100% of bond strength will be achieved after 72 hours.



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Made in U.S.A. for 3M.

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U.S. Patent Numbers:

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CAUTION:

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