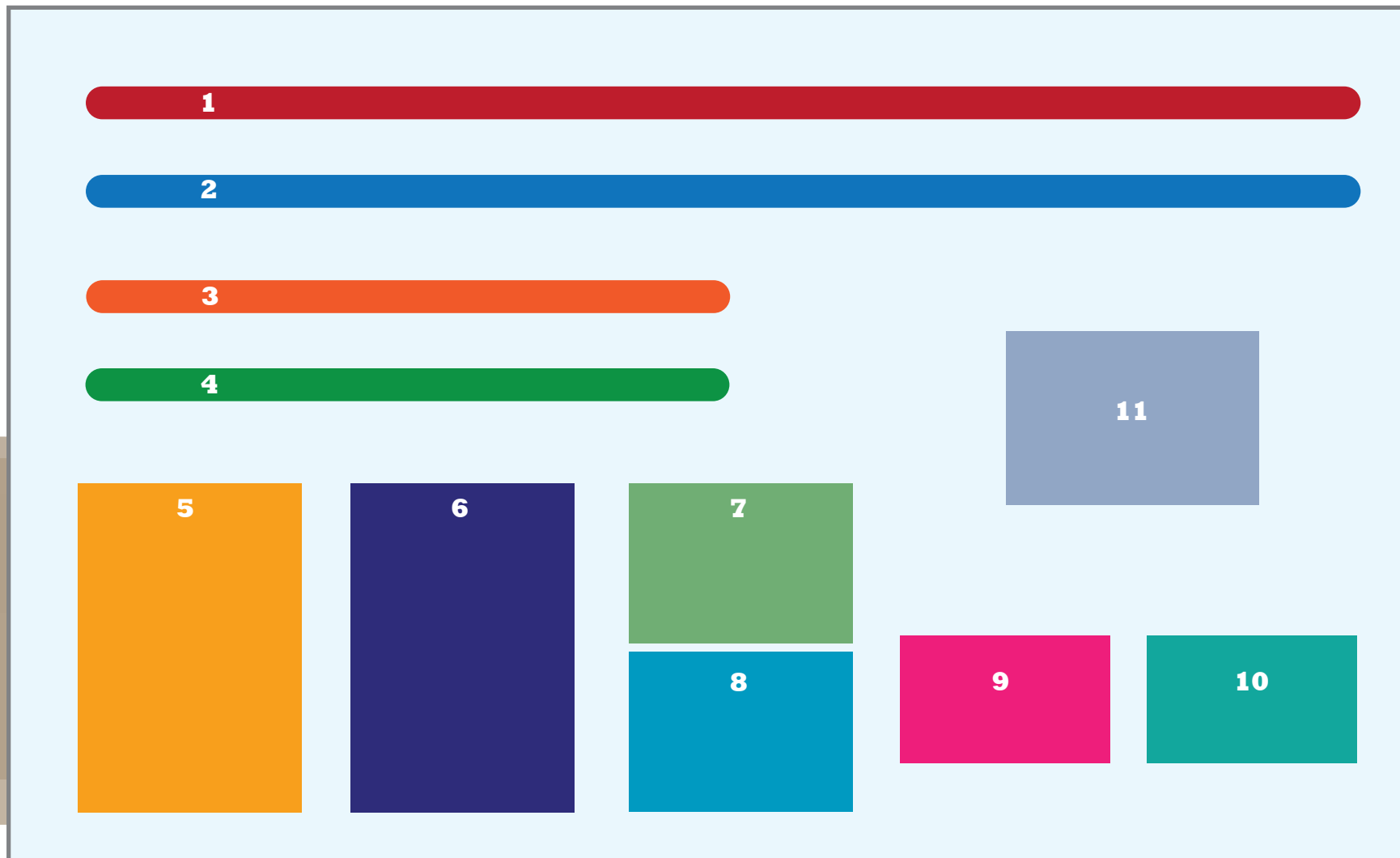




Design Engineer Tape Kit

Metal Foil Tapes



1

**3M™
Aluminum Foil Tape**
3311

This tape is an aluminum alloy foil with a pressure-sensitive adhesive and paper liner. The aggressive rubber adhesive sticks well to most surfaces. It is UL 723 rated for flame and smoke characteristics.

2

**3M™
Aluminum Foil Tape**
3326

The foil backing on this tape is printed to indicate its compliance with UL181A-P and UL181B-FX standards. The convenient paper liner provides easy applications and assurance of adhesive integrity.

3

3M™ Copper Foil Tape
1126

3M 1126 tape is typically used as an EMI/RFI shielding tape for applications in the electronics industry such as static charge draining, seaming shielding rooms, cable wrapping and surface contact to non-solderable materials.

4

3M™ Copper Foil Tape
1181

This copper foil consists of a 1oz. dead soft copper foil backing and a unique electrically conductive pressure-sensitive acrylic adhesive. The backing is solderable and resists oxidation and discoloration.

5

3M™ Aluminum Non Woven Tape
1430

Aluminum foil reinforced tape is a dead soft aluminum foil combined with a non-woven web. It offers superior sealing benefits of foil with the ease of handling and strength of cloth.

6

3M™ Aluminum Foil Tape
425

This aluminum foil tape provides excellent reflection of both heat and light. It has a very low moisture vapor transmission rate which makes it a great sealant.

7

3M™ Aluminum Foil Tape
433

This high temperature aluminum foil is flame resistant and meets F.A.R. 25.853(a). As it thermosets, the adhesive mass becomes firm and gradually loses its pressure sensitivity but will continue to hold the tape in place.

8

3M™ Copper Foil Tape
1194

This non-conductive copper foil tape is typically used for applications requiring economical electrical bonding, grounding and EMI shielding. The backing is solderable and resists oxidation and discoloration.

9

3M™ Aluminum Foil Tape
438

3M 438 aluminum foil tape is commonly used as a barrier, protector and thermal conductor in the appliance (electronics) industry. It offers long aging both indoors and out.

10

3M™ Aluminum Glass Cloth Tape
363

This glass cloth aluminum foil tape is light and flexible. It performs as a heat reflective wrap over insulation cables, instruments or other high temperature sensitive materials.

11

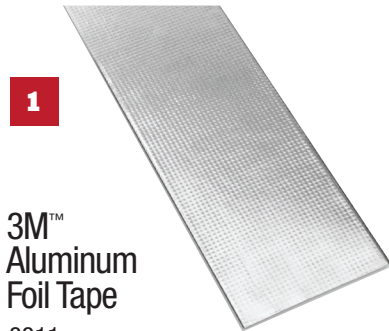
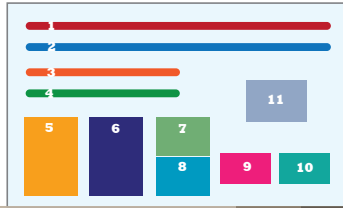
3M™ Lead Tape
420

Lead tape is very conformable and offers good thermal properties. It is electrically and thermally conductive. Lead is commonly used in electroplating and as a radiation barrier.



Design Engineer Tape Kit

Metal Foil Tapes



1
3M™
Aluminum
Foil Tape
3311

ATTRIBUTES

HVAC & Refrigeration Aluminum Foil
Rubber Adhesive • 3.6 Mil • -10° to 180°F

APPLICATION INSTRUCTIONS

1 LINER TAPE

Designed for maximum adhesion over clean, dry surfaces. Remove release liner to expose adhesive. For best results, always use an application squeegee.



2
3M™
Aluminum
Foil Tape
3326

ATTRIBUTES

HVAC & Refrigeration Aluminum Foil
Acrylic Adhesive • 4.4 Mil • -20° to 250°F

APPLICATION INSTRUCTIONS

1 LINER TAPE

Designed for maximum adhesion over clean, dry surfaces. Remove release liner to expose adhesive. For best results, always use an application squeegee.



3
3M™
Copper Foil
Tape
1126

ATTRIBUTES

Copper Foil with Conductive Adhesive
Acrylic Adhesive • 3.5 Mil

APPLICATION INSTRUCTIONS

1 LINER TAPE

Remove release liner to expose adhesive. Best results when applied to a clean, dry surface.



4
3M™
Copper Foil
Tape
1181

ATTRIBUTES

Copper Foil with Conductive Adhesive
Acrylic Adhesive • 2.6 Mil

APPLICATION INSTRUCTIONS

1 LINER TAPE

Remove release liner to expose adhesive. Best results when applied to a clean, dry surface.



5
3M™ Aluminum
Non Woven
Tape
1430

ATTRIBUTES

Aluminum Non-Woven • Acrylic Adhesive
5.5 Mil • -65° to 300°F

APPLICATION INSTRUCTIONS

Best results attained when applied to a clean, dry surface above 32°F.



6
3M™
Aluminum
Foil Tape
425

ATTRIBUTES

Aluminum Foil • Acrylic Adhesive • 4.6 Mil
-65° to 300°

APPLICATION INSTRUCTIONS

Best results obtained when applied to a clean, dry surface above 32°F.



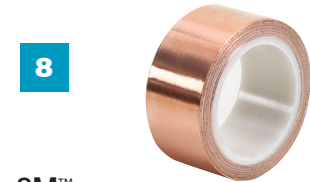
7
3M™
Aluminum
Foil Tape
433

ATTRIBUTES

Aluminum Foil • Silicone Adhesive • 3.6 Mil
-65° to 600°F

APPLICATION INSTRUCTIONS

Best results obtained when applied to a clean, dry surface above 32°F.



8
3M™
Copper Foil
Tape
1194

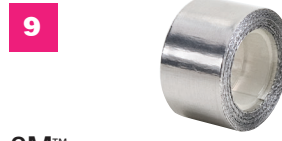
ATTRIBUTES

Copper Foil with Non-Conductive Adhesive
Acrylic Adhesive • 2.6 Mil

APPLICATION INSTRUCTIONS

1 LINER TAPE

Unwind roll and remove release liner to expose adhesive. Best results when applied to a clean, dry surface.



9
3M™
Aluminum
Foil Tape
438

ATTRIBUTES

Aluminum Foil • Acrylic Adhesive • 7.2 Mil
-65° to 300°F

APPLICATION INSTRUCTIONS

Best results when applied to a clean, dry surface.



10
3M™ Aluminum
Glass Cloth
Tape
363

ATTRIBUTES

Aluminum Foil Glass Cloth
Silicone Adhesive • 7.3 Mil • -65° to 600°F

APPLICATION INSTRUCTIONS

Best results obtained when applied to a clean, dry surface above 32°F.



11
3M™
Lead
Tape
420

ATTRIBUTES

Lead tape with liner • Rubber Adhesive
6.8 Mil • -60° to 225°F

APPLICATION INSTRUCTIONS

1 LINER TAPE

Unwind roll and remove release liner to expose adhesive. Best results obtained when applied to a clean, dry surface above 32°F.

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U.S. Patent Numbers:

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CAUTION:

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