

TAPE		
Duct tape 2" width, 60-yard roll		Commonly used cloth tape with a high-tack adhesive. Designed for connecting and sealing metal air ducts. Waterproof. Can be used on many surfaces. Not good for long term use as it dries out and leaves a sticky residue. Now available in a wide variety of colors and designs
Masking tape 3/4" width		Commonly used paper tape with a low-tack, so it can be easily repositioned. It is stronger than scotch tape, can be torn with your hands, adhesive will dry out with time, and doesn't work below freezing. Not stretchy.
Electrical tape 1/2 or 3/4" width.		Slightly stretchy PVC vinyl tape intended for use as an electrical insulator when wrapped around exposed wires.  Not good for use as a fastener. Sticks best when wrapped onto itself.
Painter's Tape		A variation of masking tape that can be used on painted walls without the paint peeling off. Commonly used on 3D printer beds for easy removal of parts
Double Sided Foam Tape		Foam tape that is available in small squares or on a roll. About 1/16" thick. Strong adhesive that is hard to remove once placed.
Copper Tape		Conductive tape used for creating electric circuits as on paper or plastic sheets. Variation in width include 1/8" and 1/4". Available with conductive adhesive, greatly increasing its functionality. Easy to solder to the copper side.
Gaffer's Tape		Thick cloth tape with a residue-free adhesive, usually matte black, intended for holding down cables on stage sets. Good as a book binding tape.

Silicone Tape		Tape made from a self-fusing compound that bonds to itself, no adhesives required. Intended to provide waterproof seals and electrical insulation in wrap-style applications on cables, hoses, and electrical components. Stretched and wrapped to apply. Cures to form a strong bond.
Book Repair Archival Document		paper backing, very light adhesive for repairing torn pages of a book, can be repositioned without tearing paper, will not discolor the paper, and can be written on. It "vanishes" after being applied. It can be torn with ones hands.
Clear Packing Tape		Commonly used for sealing cardboard boxes. Can be used to laminate or waterproof paper documents and images.

Sources:

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