

A little paper lexicon

In this special issue of “twogether” we introduce you to the world of specialty papers. In what follows, you will once more get a brief overview of the particularities of all specialty paper grades presented and how they are used.

Décor paper	Characteristics	Paper with good dimensional stability and very high opacity. Must be designed for impregnation and heavy loads. One-sided smoothness for good printability.
	Use	E.g., furniture surfaces, laminate, interior fittings of buildings and vehicles.
Overlay paper	Characteristics	Very robust. Consists of long fibers. Low stock consistency of 0.01 to 0.08 percent in manufacturing. Multilayered, often with embedded corundum.
	Use	Indelible surfaces, e.g., laminated floors.
Thermo paper	Characteristics	Paper with thermo-sensitive layer. This layer reacts to the influence of heat; the contact areas turn black.
	Use	E.g., bank statements, sales slips, admission tickets, baggage labels.
Label paper / Release paper	Characteristics	Label paper has an adhesive coat on one side. Low basis weight of the base paper, high coat weight. Release paper serves as anti-adhesive paper for label paper. Silicone-coated and very smooth.
	Use	E.g., address stickers, product labels, price tags.
Banknote paper	Characteristics	Anti-counterfeit paper made of cotton fibers with integrated security features. Soil resistant and waterproof.
	Use	Currency
Masking tape	Characteristics	Paper with one-sided self-adhesive coating. High elasticity, since it is creped within the wet end of the paper machine. Easily torn.
	Use	Protection against color or paint spots during renovation, painting and lacquering.
Wet laid nonwoven	Characteristics	Fleece with homogeneous controlled porosity. Production on an inclined-wire machine with very low stock consistency. Among the wet fleeces are many different grades.
	Use	E.g., tea bags, textile fleece materials for the medical and hygiene industry, gasoline filters, glass nonwovens, wallpapers, overlay paper.
Cigarette paper	Characteristics	Very light papers that are taste and odor neutral and food safe. Differentiation between tipping paper, filter wrapping paper and cigarette paper. High technological requirements such as porosity, opacity and printability.
	Use	Cigarette industry
Flexible packaging papers	Characteristics	Uncoated and coated papers and kraft paper serve as basic material. Depending on the purpose of its use, the paper can be lined with plastic, aluminum or other materials.
	Use	E.g., bakery bags, serving packages for food such as sugar or soups, package inserts, gift paper, tote bags.