

# TYPES OF PAPER CUPS

For the average consumer, paper cups differ only in color and size. Few people pay attention to the material or the design of paper cups. But for those who pour a drink in a paper cup and gives it to the consumer, it is extremely important to know all the details and differences of types of paper cups.

## SINGLE-LAYER PAPER CUPS FOR HOT BEVERAGES

**Material:** cellulose paper with PLA coating (bioplastic derived from renewable biomass).

**Application:** for hot drinks and for cold drinks without ice.

Internal PLA coating protects the paper from getting wet and is used to glue the seams of the paper cup.

Such paper cup does not burn your hands, because paper has a much lower thermal conductivity compared to plastic, but, nevertheless, a paper cup of hot drink on the surface is hot enough, we recommend being aware of temperature before drinking.

In a single-layer paper cup for hot drinks, you cannot pour very cold drinks or drinks with ice, because of the difference in temperature inside and outside the paper cup, condensation will occur on the surface of it, causing the paper to soak and the cup to lose its rigidity.



## DOUBLE-LAYER PAPER CUPS

**Material of the wall:** paper with single-layer PLA coating

**Material of the sleeve:** paper

**Application:** for hot beverages

The two-layer paper cups are essentially a paper thermos. Double walls and an air gap between them reduce thermal conductivity, which is why the drink retains its temperature longer, and the cups does not heat up outside and does not burn your hands.

AMS COMPOSTABLE produces at your request double-layer paper cups. The difference of this technology is in the increased air gap, which leads to the additional pleasure of thermal conductivity.



## CORRUGATED RIPPLE PAPER CUPS

**Material of the wall:** paper with single-layer PLA coating

**Material of the sleeve:** embossed paper

**Application:** for hot beverages

The walls of these paper cups consist of three layers of paper, and the top layer has a relief structure. Corrugated paper cups have the lowest thermal conductivity in comparison with other types of disposable cups, not only because of the air spaces in the walls of the cups, but also due to the fact that the hands are in contact only with the protruding parts of the screen.



## PRODUCT CHOICE OF PAPER CUPS

AMS COMPOSTABLE produces single-layer, double-layer and corrugated paper cups for hot and cold beverages. In our product choice you can pick up any kind of paper cup of the suitable volume and design. **AMS paper cups have FSC certification**, ensuring that products come from responsibly managed forests that provide environmental, social and economic benefits.



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