

CHECK PRINTING SPECIFICATIONS

PAPER QUALITY STANDARDS



The following guidelines have been established to achieve paper quality standards for checks. It is recommended that all checks/paper meet the ideal standards as outlined below.

Ideal Standards

Basic Weight: 500 sheets at 17" x 22" - 25.2

Smoothness: Rate of constant pressure airflow through paper to smooth glass plate - 140 units

Stiffness: Bending tolerance both directions - MD 350 mg

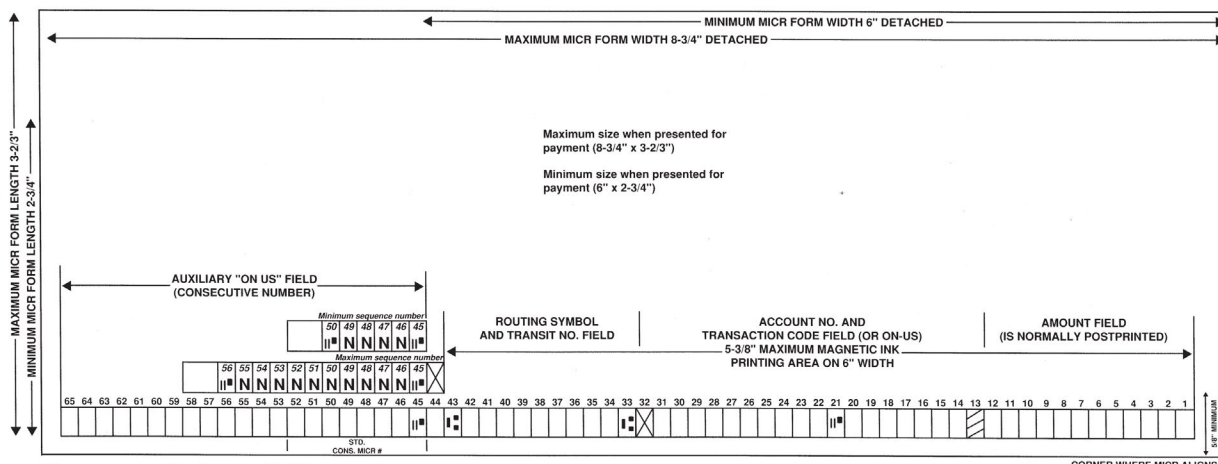
Porosity: Resistance to air passage in seconds displaces 100 ml air through sq in paper - 80 sec.

Caliper: Thickness - .0046

Size: **Length:** 6 inch minimum, 8.75 maximum. **Height:** 2.75 inch minimum, 3.625 maximum

MICR Line Specifications

For check printing, use the code line specifications as outlined below. The auxiliary field may be a maximum of 10-digits. Must use MICR toner (magnetic ink) when printing checks.



The common machine language E-13B
 Numerals 0 1 2 3 4 5 6 7 8 9
 Transit/Routing symbol I
 Amount Symbol @
 On-Us account no. symbol A
 Dash symbol -
 Blank space

Bank Routing Numbers					
Bank of Albuquerque	107006606	95-660/1070	BOK Financial - AZ	122105498	91-549/1221
BOK Financial - AR	082901392	81-139/829	BOK Financial - CO	102000607	23-60/1020
Bank of Oklahoma	103900036	86-3/1039	BOK Financial-KS/MO	101015101	83-1510/1010
Bank of Texas	111014325	32-1432/1110			

Additional Tips to Remember

Check vendors and individual companies who choose to print their own checks are responsible for their checks meeting all check printing requirements as outlined above.