

Thermal Paper Roll specification for Spire Payments POS Terminals

There are variants of this paper roll with differing diameters

Dimensions:

Diameter: 22217/001: 50.0mm maximum (for SPc and T42)
22217/002: 40.0mm maximum (for SPw and SPg)

Core inside diameter: 11.0mm minimum, 12.5mm maximum
Width: 57.0 ± 0.6mm

Weight: 22217/001: 95g maximum¹
22217/002: 55g maximum

Paper Properties:

Basis Weight: 55 ± 4 g/m² (ISO536)
Caliper: 62 ± 3µm (ISO534)
Moisture: 6.0 ± 1 % (ISO287)
Smoothness(Bekk, front): 450s minimum (ISO5627)
Brightness: 85% minimum (ISO2470)
Tensile Strength (MD): 2.5kN/m minimum (ISO1924-2)
Tear Strength (CD): 260mN minimum (ISO1974)

Image Properties:

Image Colour: Black
Dynamic Sensitivity: OD 1.10 ± 0.050 @ 0.28mJ/dot
Maximum Density: OD 1.25 ± 0.10

Core Material: Plastic
Core weight: 4g maximum
Paper not attached at core

Warning mark: Red vertical strip/s applied to printing surface, commencing approx. 1m from end of paper. Printed text must be viewable through the warning mark

Low tack adhesive at outer end of roll to prevent unwinding.

To be supplied in cartons of 20 rolls.

Cartons to be marked with Spire item number, i.e. "22217/001" or "22217/002",

¹ Spire has a note from the printer mechanism manufacturer for the mechanism used in the SPc50, w60, and w70 products that the roll weight should not exceed 80g; it is recognised that this is not possible with the specified basis weight paper for a 50mm diameter roll, so a pragmatic 95g maximum weight is specified