

Material class: Highly absorbent paper, sample wick, blotter
 Electrophoresis blotter and pad

Physical Properties

Grade	Caliper (mm)	Basis (g/m ²)	H2O migration (mm/10min)
CFP1732	1.740	650	30
WT1250	0.970	400	44
CFP1700	0.880	325	30
CFP1654	0.700	270	130
CFP1636	0.430	178	12
DBSv1	0.450	180	10
WT900hpc	0.350	180	30
WT901hpc	0.320	180	20
WT430hpc	0.310	170	25
CFP360	0.310	180	35
WT3000hpc	0.350	180	30
WT1100hpc	0.250	140	35
WT2500hpc	0.200	90	40
WT2000hpc	0.170	88	33
BLOTT*	0.500	249	125

**BLOTT has a less uniform formation than others in this class, but demonstrates a very high migration rate to basis weight ratio. It is designed to be an end-wick or moisture sink.*

Additional notes:

These grades are highly consistent general purpose diagnostic absorbent pad and wick base. Smooth surface, bright white pure cotton cellulose paper. Material is manufactured from carefully selected, pure cellulose fiber which is fully oxygen bleached and resin free.

The fiber processing is designed to allow both small highly-fibrillated material to blend with longer less processed fiber for a high density, highly absorbent and very rapid migration. Ideally suited as a sample moisture sink in multi-layer membrane designs. Well suited as an end-channel wick in microfluidic devices and structural support base plane.

The even density and high grade formation yields a very consistent and reproducible migration in both MD and CD. Naturally hydrophilic with no additional surfactants or additives necessary to yield high performance surface absorption rates and lateral migration speeds. The uniformity of this media affords a high liquid volume capacity with little to no leakage along strip.

Material when converted correctly demonstrates excellent lay-flat characteristics in reel-to-reel processing with very sharp edge held in slitting and die cutting converting processes. Minimal extraneous fiber or fiber shed is observed in converting and processing.