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HBCS – High Barrier Copolymer Sealant (or without Sealant HBC)

- Solid PP Cap layer
- Solid PP Bulk Layer
- Tie Layer
- EVOH layer
- Tie layer
- Solid PP Bulk Layer
- PE sealable on one side

Specific Gravity: 0.92 gr/cc—depends on thickness, color, and structure

Permeability:

Oxygen: 0.1 - 0.5 cc/m/24h/atm (at 23C / 0 % RH)

Water Vapor: 0.04 - 0.5 gr/m/24h/atm (at 38C / 90% R.H)

Adhesion between layers: Min 700 gr/15 mm. width

Layer type	Thickness set.		Tolerance		Max Deviation At single point	
	µm	mil	µm	mil	µm	mil
Tie Layers (each)	15	0.6	-3 + 10	-0.012 + 0.04	-5	(-0.2)
EVOH layer	Range 12 to 25 0.47 to 1.0		-3 + 12	-.012 + 0.047	- 5	(-0.2)
Cap Layers PP/PE (each)	Range 50 to 75 1.96 to 2.95		+/- 15	+/- 0.6	+/- 20	(+/-0.8)
Bulk Layers	Varies with overall thickness		+/- 40	+/- 1.6	N/A	

General Data:	Metric	English
Maximum web width	1524 mm	60"
Width Tolerance	+/- 2.5 mm	+/- 0.0984"
Thickness Range	0.5 - 1.8 mm	0.020" - .070"
Gauge Tolerance (Relates to total thickness)	+/- 0.02 mm	+/- 0.8"
Max. Roll Diameter	1150 mm	43"
Core Inside Diameter	152 mm	6"
Max. sheet telescoping	12.5 mm	0.5"