

## Starch 1500®

Starch 1500® is a multifunctional excipient designed specifically for use in pharmaceutical solid oral dosages. Manufactured exclusively for the global pharmaceutical market, Starch 1500 is a pharmaceutical grade of partially Pregelatinized maize starch. Starch 1500 brings benefits to formulations through binding capability, improved disintegration/dissolution properties, enhanced flow and lubricity as well as moisture protection.

### Bulk Packaging

- 400 kilo pack out
- Environmentally friendly
- Estimated 40% recycling savings
- Less quality testing
- Improved labor handling and reduced warehouse space requirements

### Bulk Box

The box is a corrugated construction which includes a laminated liner that reinforces the side walls. The bottom is a normal flap design with a folding flap top edge to give additional side wall support and to facilitate stacking. The finished dimensions are:

	U.S.	Metric Equivalent
Inside length	44"	1.12 m
Inside width	29 1/8"	0.74 m
Inside height	30"	0.76 m
Outside length	46"	1.17 m
Outside width	31"	0.79 m
Outside height	31"	0.79 m

### Bulk Bag (Super Sac)

The bulk bag is a woven 5 oz (141.75 g) polypropylene bag with a polyethylene liner. It has a fill spout with a tie that is sealed with a red plastic tie and a unique serial number. The bottom has a discharge spout that enables the end user to discharge the starch into their process.



Specifications		
Bag		
	U.S.	Metric Equivalents
Construction Type	Four Panel	Four Panel
Lift Size / Style	(4) 10" white PP webbing (+/-0.5")	(4) 25.4 cm white PP webbing (+/-1.27 cm)
Dimensions	29" x 45" x 35" (+/-0.5") seam-to-seam	73.66 cm x 114.3 cm x 88.9 cm (+/-1.27 cm) seam-to-seam
Material	5 oz Coated White	141.75 gr Coated White
Fill Spouts	16" x 19" 3 oz top and spout Lay Flat FS +/- 0.25" FS Length +/- 1" Web tie	40.64 cm x 48.26 cm 85.05 g top and spout Lay Flat FS +/- 0.64 cm FS Length +/- 2.54 cm Web tie
Discharge Spouts	16" x 19" 3 oz spout Reinforced Square Bottom Lay Flat DS +/-0.25" DS length +/-1" Web Tie	40.64 cm x 48.26 cm 85.05 g spout Reinforced Square Bottom Lay Flat DS +/- 0.64 cm DS Length +/- 2.54 cm Web Tie
Liner		
	U.S.	Metric Equivalents
Liner Type	3.0 mil, 42" x 38" x 118" long, tabbed	3.0 mm, 106.68 cm x 96.52 cm x 299.72 cm long, tabbed
Liner Options	INSERTED, wire tie sent for liner	INSERTED, wire tie sent for liner
Print	None	None
Document Pouch	None	None
Extra Options	Liners tabbed 2 top and 2 bottom web tie placement tolerances (+/- 2")	Liners tabbed 2 top and 2 bottom web tie placement tolerances (+/- 5.08 cm)