

SILO BAGS

Product Description:

Silo Bags are made of a Pro 7- seven layers film of thick extruded plastic (polyethylene).The outer layer is white with UV protective coating while the inner layer in contact with the grain is black.

We have installed state of the art Blown film producing machine, imported From Bandera, Italy for manufacturing 7 layer PE Silo Bag Films for various applications. Every Silo Bag is folded with an automatic folding machine.

We use High-end resins designed by DOW, Exxon Mobil with UV and water /moisture resistant additives with a warranty period of 12 months.

Silo Bag is suitable to store Dry grains such as soft wheat, durum wheat, maize, sorghum, soybean, rice, barley, sunflower, oats, and every grain product and Wet grains include silage, mush and by-products of industrial processes.

TECHNICAL DATA SHEET

Sl. No	PROPERTY	UNIT	TEST METHOD	VALUES
1	Thickness	Micron	In-house	240 ± 5 %
2	Weight	Grams/ M ²	In-house	220 ± 5 %
3	Dart Impact	Grams	ASTM D 1709	1250 ± 5 %
4	Tensile Strength at Break MD	Mpa	ASTM D 882	39 ± 5 %
5	Tensile Strength at Break TD	Mpa	ASTM D 882	38 ± 5 %
6	Elongation at Break MD	%	ASTM D 882	1262 ± 5 %
7	Elongation at Break TD	%	ASTM D 882	1362 ± 5 %
8	Coefficient of Friction - Static		ASTM D 1894	0.12 ± 5 %
9	Coefficient of Friction - Kinetic		ASTM D 1894	0.13 ± 5 %
10	WVTR	gm/m ² /day	ASTM F 1249	1.1 ± 5 %
11	Tear Strength	gf/mic	ASTM D 1922	23 ± 5 %