

## TECHNICAL PRODUCT INFORMATION

Product:	Black/White Silo bags
Catalog Number:	E1919
Durability:	24 months
Thickness:	8 mil, 8.5 mil, 9 mil, 9.5 mil and 10.5 mil 200 μ, 215 μ, 225 μ 240 μ and 270 μ
Diameter:	8 feet, 9 feet, 10 feet, 12 feet
Length:	According to customer order

### Product properties

Property	Test Method	Units	Value
Tensile Strength at break [MD]	ASTM D-882	MPa.	>20
Tensile Strength at break [TD]	ASTM D-882	MPa.	>20
Elongation at break [MD]	ASTM D-882	%	>500
Elongation at break [TD]	ASTM D-882	%	>500
Thickness average	EN13206	%	±5% on nominal
Thickness tolerance	EN13206	%	±10%

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## Use and limitation:

The silo bag is stabilized black/white three-layer co-extruded polyethylene sleeve, with a thickness between 8 and 10.5 mil, (200  $\mu$  and 270  $\mu$ ). The bag has high opacity and has no transmission at the UV, visible and near IR range.

The silo bag is delivered pre-folded in Cardboard box, at an easy and ready to use shape.

The Silo-bag is used to store biomasses of all the products coming from agriculture for a later use.

The silo bag has a complete resistance to acids and gases that can come out from the fermentation process,

The biomasses are pressed inside the silo bag by a silage bagging machine through a system of augers and the result is a plastic bag with a range of diameters between 8 and 12 feet, and a length between 200 and 500 feet, (60 and 150 meters).

The correct bag filling parameters are made by measuring the bag elongation.

These limits are:

10% for cold and structured materials having a humidity below 65%

6,5% for materials having a humidity over 65% or not structured or warm products over 40°.

For products having a temperature over 45° the elongation must be reduced proportionally.

For warm climates (over 145Kly) the elongation must be reduced concededly.

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