



TIF Film for fumigation and mulching

The main feature of these films is the total opacity to light radiation which, once put in place, prevents the birth of weeds and keeps the underlying soil humid.

With 9-layer technology our TIF (totally impermeable films) have significant advantages over VIF:

- ✓ TIF has a lower permeability to gases than VIF
- ✓ The EVOH barrier reduces the permeability of TIF by up to 10 times relative to VIF
- ✓ TIF Film has much better tear propagation strength and thus can be installed in a faster way
- ✓ TIF is fully recyclable



Description: Flexible barrier Film for Fumigation / Fumigation Mulch

Product: **Barrier Film (PE/EVOH/PE)
7 or 9 Layers coextruded film**

Note: **Double Welding**

TEST		U.M.	METHOD	TYPICAL VALUE (^)
Thickness		μ	ISO 4593	From 25 to 50 ± 10%
Width		m	Internal	<i>Folded film From 1 to 54 m width</i>
Weight		gr/sqm	Internal	From 24 to 49 ± 10%
Tensile strenght at break	MD	MPa	ASTM D882	33 ± 20%
	TD	Mpa	ASTM D882	33 ± 20%
Elongation at break	MD	%	ASTM D882	550 ± 20%
	TD	%	ASTM D882	800 ± 20%
Oxygen Transmission Rate		Cm3/m2/d	ASTM D3985-02	20 ± 20% *
UV Resistance		As required **		
Colour		As required		

* @23°C, 0/0 % RH

** Guaranteed till to a decay of 50% of the Mechanical Properties and Oxygen Transmission Rate.

(^) All mechanical test done @23°C, 50%RH.

The obtained values don't derive from a single point but from the averaging obtained by all the batch.

Storage: Temperature: -10°C + 30°C (time extended storage at high temperature, above 35°C, may cause blocking problems, compromising the unwinding).
Avoid direct exposition to sunrays (time extended exposition to UV may cause a loss in mechanical properties).

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