



# ERBA ISOLANTI srl

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DATA: 08.June.94	<b>MYLAR HS</b> <b>HEAT SHRINKABLE</b> <b>POLYESTER FILM</b>	Codice MYHS
Pag: 1 / 1		Scheda 04.3.1GB tecnica
		Gruppo B

## DESCRIPTION

Du Pont's MYLAR HS is an uncoated, transparent polyester film designed for heat shrink applications. It is currently available in 37,5 micron, and other thicknesses may be made available upon special request.

## CHARACTERISTICS

Unlike most PET films, MYLAR HS is not heat stabilized, and will shrink with considerable force when exposed to heat. Immersion of the film in boiling water will produce approximately 50% shrinkage.

## USES

- Winding of coils, to increase pressure on conductors on curing. Usually above resin rich Mica tapes
- Is a tool during moulding, shaping or jigging operations. The bonding is the result of tape's shrinking under heat effect. During moulding or jigging operations the tape can be wrapped on the different parts of the mould that have been applied to the material that is to shape, the shrinking tape brings together the different parts of the mould, so as to obtain exactly the required section tape.
- Heat shrinkable tubes and bags.

## PROPERTIES

Property	Test	Units	37,5 Micron
Thickness	ASTM D374	µm	38
Yield	-	m <sup>2</sup> /Kg	19.1
Unit Weight	ASTM E252 (0,5 m2)	g/m <sup>2</sup>	52.6
Ten.Strenght (Ultimate)	ASTM D882	MPa, MD. TD	214 234
Elongation at Break	ASTM D882	%, MD TD	150 110
Modulus	ASTM D882	MPa, MD TD	3100 3100
Haze	ASTM D1003	%	12,0
Shrinkage	5 seconds in 100°C. water	%, MD, TD	45 50
WVTR	ASTM F1249 100° F90%RH	g/m <sup>2</sup> day	15
Oxygen Permeability	ASTM D3985	cc/m <sup>2</sup> day atm, Before Shrinkage After Shrinkage	75 30-45

## AVAILABILITY:

ROLLS: Width 330 mm Lenght mt 2.075 approx  
I.D. 76 mm O.D. 330 ± 6 mm or less

REELS: Width from 10 mm

I.D. 76 mm O.D. 330 mm ± 6 mm or less

Tollerances according to DIN 40600