



Highly resistant film
Consistent sealing
Wide thermal range
Great retraction
100% recyclable

CRISTEL® SHRINK FILM

 **plásticos
retráctiles**

Quick and quality solutions for all types of packaging



BENEFITS OF USAGE:

High speed in shrink tunnels
Low heat energy for shrinkage

Well programmed storage
Non-standardized productions

Personalized thickness

Technical characteristics														
CONCEPT	UNITS	VALUES												METHOD
Thickness	my	10	12,5		15		19		23,5		35			
Length CF	m	2000	1600		1332		1068		850		570			
Length SW	m	4000	3200		2664		2136		1700		1140			
Width CF	mm	250-1000						250-900						
Width SW	mm	250-2200												
Yield	m²/Kg	109,8	87,8		73,2		57,8		46,7		31,4		Gravimetry	
Brightness	%	128	125		123		121		119		115		UNE 2813	
Mechanical properties														
		DL	DT	DL	DT	DL	DT	DL	DT	DL	DT	DL	DT	UNE 53275
Shrinkability	% 120°C	70	60	63	54	57	49	51	44	46	39	37	32	
	% 150°C	84	66	75	59	69	54	61	48	55	43	45	35	
Traction resistance:														UNE 527
Resistance	MPa	130	100	124	97	120	95	114	93	110	90	100	85	
Elongation	MPa	90	105	90	105	90	105	90	105	90	105	90	105	
Tear resistance	N	0,026	0,031	0,036	0,044	0,046	0,059	0,064	0,087	0,086	0,122	0,169	0,262	
		µE	µD	µE	µD	µE	µD	µE	µD	µE	µD	µE	µD	UNE 8295
Coefficient of friction		0,22	0,18	0,20	0,16	0,18	0,15	0,16	0,13	0,14	0,12	0,11	0,09	
Seal resistance	N/15mm													
	160°C	5,8		6,9		8,0		9,7		11,5		15,8		ME16
Puncture resistance	N	3,04		3,47		3,86		4,44		5,03		6,37		UNE 14477
Permeability /														
Oxygen	cm³/m²	13413		10851		9125		7290		5957		4080		ASTM F 1927

CRISTEL FILM STORAGE CONDITIONS

The best storage conditions for long periods are:

- Inside its original packaging, in a closed and covered area.
- Recommended temperature of 30°C.
- Dry and low humidity environment.

FOOD CONTACT CERTIFICATION:

Cristel film complies with the European Union regulations for food contact (European Regulation 10/2011).



QUALITY
CERTIFICATION:



The information contained in this technical sheet has been obtained from results tested in an accredited laboratory, providing the most uniform values of the final results and having considered the tolerances and deviations that are acquired from the total of the tests carried out.