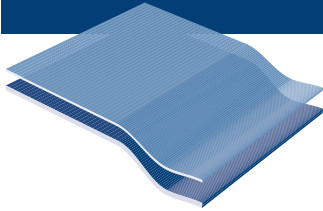


# TERPHANE 22.00



PVdC COATING  
PET Homopolymer

TRANSPARENT BARRIER, biaxially oriented polyester film,  
with PVdC COATING on one side.

## Characteristics

- TERPHANE 22.00 is clear PVdC coated polyester film.
- The PVdC layer is designed to improve the barrier to water, oxygen and other gases.
- Provides excellent adhesion to inks and moderate heat sealability to itself and PET based substrates.
- The film has excellent transparency and dimensional stability.
- TERPHANE 22.00 complies with international regulations for food contact. Specific documents are available upon request.

## Applications

Film of choice for applications requiring extended shelf-life or protection against aroma. The PVdC layer provides barrier to oxygen, water vapour and other gases. Typically used as the outer layer of MAP packages, PET being suitable for high temperature sealing and high gloss for shelf appeal.

## Typical Values

PROPERTIES		Analysis Methods	Unit	Typical Values			
Thickness		ASTM E 252	µm	9,5*	11,5	13,5	24,5*
Basis weight		ASTM D 646	g/m <sup>2</sup>	13,3	16	18,8	34,2
Yield		ASTM D 646	m <sup>2</sup> /kg	75,2	62,5	53,2	29,2
Tensile strength at break	MD	ASTM D 882	kgf/mm <sup>2</sup>	18	19	19	20
	TD			19	20	20	21
Elongation at break	MD	ASTM D 882	%	120			
	TD			100			
Initial modulus	MD	ASTM D 882	kgf/mm <sup>2</sup>	430	450		
	TD			480	480		
Haze		ASTM D 1003	%	4	5		7
Shrinkage	MD	150°C/30 min	%	1,5			
	TD			0			
Coefficient of friction (Side A X Side B)	Static	ASTM D 1894	-	0,5			
	Dynamic			0,4			
Water vapor transmission rate		ASTM F 1249 38°C - 90% RH	g/m <sup>2</sup> .day	8			7
Oxygen transmission rate		ASTM F 1927 25°C - 85% UR	cm <sup>3</sup> /m <sup>2</sup> .day	8			7

\* Volumes by request

### Note:

The information and suggestions contained herein represent the best information available to TERPHANE INC. and we believe them to be reliable. They should not, however, be construed as controlling and are presented without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.

For additional information, please contact our commercial department.

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