

### Product Information Sheet

#### Product

## Polymex® PC011



#### Product Description

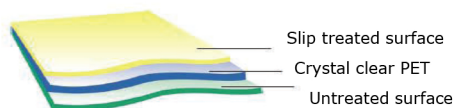
Polymex® PC011 is a crystal clear polyester film with a one side external slip treatment and is suitable for applications where very high transparency is required. Polymex® PC011 has fantastic handling qualities and is an inert, archival grade film (self-test recommended).

Available in thicknesses 50, 75 and 100 micron.

#### Key Features

- Superb clarity
- Ideal for archival and conservation applications
- Inert, archival grade polyester film

#### Structure of Polymex® PC011



Property	Test Method	Unit	Value
Film Thickness	-	micron	50 75 100
Film Yield	-	M <sup>2</sup> /Kg	14.4 9.6 7.2
Unit Weight	-	g/m <sup>2</sup>	71 105 175
Haze	ASTM D 1003-61 Gardner hazemeter	%	<0.6 <1 <1
Tensile strength at break MD TD	ASTM D 882	MPa	185 240
Elongation at break MD TD	ASTM D 882	%	150 100
Upper melt temperature	ASTM E794-85	°C	255 – 260
Slip	ASTM D 1894-78	Treated to untreated	0.6
Shrinkage MD TD	150°C, 30 min	%	1.3 0.9 1.3 0.9

'MD' - Machine direction. 'TD' - Transverse direction

#### Applications

Polymex® PC011 archival grade polyester is useful in many areas of conservation and can be used to form a transparent barrier for viewing valuable articles and works of art without the need to remove them from an archival environment.

*The information above is given in good faith and should be considered as a guide not a specification.*



BS EN 14644 : 1999  
CLEANROOM CLASS 8

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