

## XPLUS: HIGH HOLDING FORCE FILM

**Use: suitable for semi and fully automatic pre-stretch machines up to 200%**

**Thickness (µm):** **12**

**Standard roll type:** **Width 500mm, 16 kg/roll, clear.**

### TECHNICAL DATA SHEET

Physical and mechanical properties (*)		UM	MD	TD	Test Method
Yield Tensile Strength	N/mm <sup>2</sup>	Average	9.0	9.1	ASTM D882-97
		tolerances	±10%	±10%	
Tensile Strength at Break	N/mm <sup>2</sup>	Average	32	19	
		tolerances	±10%	±10%	
Elongation at Break	%	Average	350	580	
		tolerances	±10%	±10%	
Elastic Modulus	N/mm <sup>2</sup>	Average	118	120	
		tolerances	±10%	±10%	
Tear Strength	mN	Average	1340	4000	ASTM D1922-94a
		tolerances	±10%	±10%	
Protrusion Puncture Resistance	F <sub>max</sub>	N	Average	14.5	ASTM D5748-95
			tolerances	±10%	
	P <sub>break</sub>	mm	Average	99	
			tolerances	±10%	
Impact Strength	g	Average	156	ASTM D1709-98	
		tolerances	±10%		
Cling	cN	Average	160	ASTM D5458-95	
		tolerances	±10%		
Guaranteed Pre-Stretch	%	200		NP Method	
Max Pre-Stretch	%	210		NP Method	

(\*) All above data are in respect of the following parameters: thickness 12µm, temperature 23±2°C, relative humidity 50±5%.

Management System certified

ISO 9001

ISO 14001

OHSAS 18001



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Ethics Management System in conformity to SRM 8000 standards



Non toxic film according to directive 2002/72/CE and subsequent orders. Recyclable at 100%