

Type: SF T21 G2 QS95

<p>TD oriented PETG film. The film complies with the EU – Regulation (EC) 10/2011* according to article 16 and 22 and amendments (“Clearance Certificate for items used in contact with foodstuffs”) as well as with 94/62 EC (“Packaging and Packaging waste”).</p> <p><small>*Product placed on the market based on the requirements set out in Directive 2002/72EC are still valid until 5 years after the adoption of the regulation.</small></p>			
Characteristics		<p>Ultrahigh shrink transparent PETG film for sleeves. Shrinkage starts at low temperature, excellent performance in steam and hot air applications, suitable for gravure, flexo and wet-offset printing</p>	
Surface finish	gls/gls (2020)		
Thickness range (mm)	0,038 - 0,050		
Embossings			
Roughness (Rz µm)			
Colours		Standard : transparent clear K020	
Properties	Value	Unit	Test method
Thickness tolerance	± 10	%	In accordance to DIN 53370 (95% of all measurements)
Density	1,31 ± 0,01	g/cm ³	DIN 53479
Tensile strength	MD approx. 51 TD approx. 230	N/mm ²	DIN EN ISO 527-3/2/50
Elongation at break	MD approx. 300 TD approx. 40	%	DIN EN ISO 527-3/2/50
Vicat softening point	66 ± 2	°C	DIN EN ISO 306 procedure VST/B50 as pressed sheet
TD shrinkage MD shrinkage	95°C, 15 sec. in water 77 +/-3 95°C, 15 sec. in water 1 +/-3	%	
Surface tension	gls/gls (2020) ≥ 38 both sides	mN/m (dynes/cm)	In accordance to DIN 53364 measured with inks (pens)
<p>Processing advice: To avoid static, the film should be processed at room temperature of 20 to 23° and a relative humidity between 50 – 60 %.</p> <p>Storage conditions: Shrink films are sensitive to high temperatures. We recommend storing in original packaging at room temperature below 30°C not directly exposed to sunlight and humidity. Layflat quality may deteriorate after long storage dependent on film type, roll length and storage conditions. Usage within a period of 6 months after the indicated production date is recommended. After transport and storage in cold temperature, acclimatisation of 1 hour per cm reel diameter is necessary.</p>			