






## Technical data sheet

## PET-GAG FILM TYPE 3XX TUBE FORMING FILMS

<b>Configuration</b>	
Outside layers	PET-G virgin resin, anti-blocking agents
Middle layers (type 300 TUBE)	100% PET-A virgin resin
Middle layers (type 320 TUBE)	< 20% recycled material
Middle layers (type 340 TUBE)	≥ 30 to < 40% recycled material
<b>Dimension</b>	
Nominal thickness value (mechanical)	0.150 ... 0.800 mm
Nominal size value	≤ 1,200 mm
Tolerance	see General Terms & Conditions
<b>Physical properties</b>	
Color	colorless transparent
Density	1.32 g/cm <sup>3</sup>
Vicat softening point	71° C
Shrinkage	≤ 20 % (10 min at 140°C, depending on film thickness)
<b>Options on request</b>	
Color	specified color according reference
PE-protection film	one or both sides
UV-protection	UV light transmittance ( $\lambda = 360 \text{ nm}$ ) ≤ 0.5 %
Flame-retardant	UL 94 V2 or DIN 4102 B2 classification (tested on film thickness 200 $\mu\text{m}$ )
<b>Field of application</b>	
Forming	all kinds (tool temperature ≥ 30 °C, Forming ≥ 120 °C)
Sealing, Welding	high-frequency, Ultrasonic (depending on medium)
Tube-making	suitable

### The product is in accordance with the regulations of:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII
- Raw materials comply to FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(I)(USA)

All specified physical characteristics are indications. Deviations from the values given here are mostly due to technological reasons and not per se justifying the claim of the goods. All specified physical properties are only valid for a none-processed film. The assessment of the suitability of a film of FWG for the intended purpose is in customer's responsibility.

