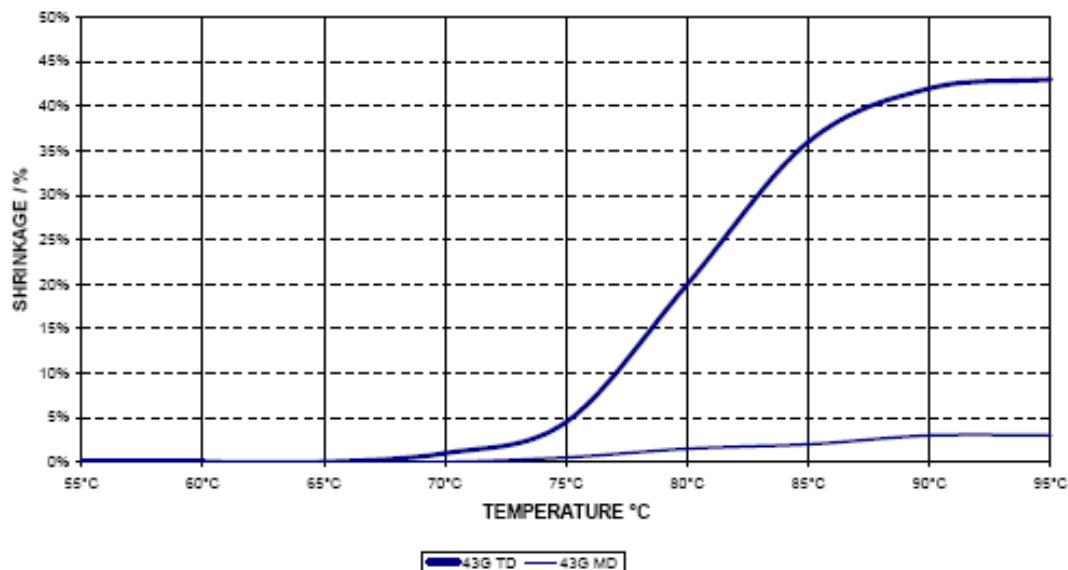


## Data Sheet

Grade	TD 43G	Rev.6
Polymer	PVC	Date 26/01/2018
Colour	Transparent and different colours	
Surface	Glossy/Glossy	
Application	Bottle capsules	
Special Properties	Suitable for high speed capsule machines	

The film complies with the Regulation for plastic in contact with food (EC) 10/2011 and its amendments as well as with (EC) 94/62 "Packaging and Packaging waste".

**RENOLITSHRINK 43G Glossy/Glossy**  
Typical shrinkcurves measured in water



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ISO 9001:2015  
ISO 14001:2015  
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All typical Physical Properties listed above pertain to unformed transverse direction orientated PVC film. This information is believed to be correct, but does not constitute a warranty, guarantee or material specification. The customers must determine suitability for intended use of Renolit's films. Sales off all Renolit AG oriented PVC film are made pursuant to Renolit's orders confirmation and sales terms and conditions.

# RENOLITSHRINK



Grade TD 43G

Properties	Standard	Value	Unit	Remarks
<b>Thickness</b>	DIN 53370	75	Micron ( $\mu\text{m}$ )	
<b>Thickness tolerance</b>	DIN 53370	$\pm 10$	%	
<b>Density</b> (depending on the colour)	DIN 53479	1,34	$\text{g}/\text{cm}^3$	Tolerance: $\pm 0,03 \text{ g}/\text{cm}^3$
<b>Tensile strength</b> Machine direction (MD)	DIN 53455	> 50	$\text{N}/\text{mm}^2$	
Transverse direction (TD)		> 90	$\text{N}/\text{mm}^2$	
<b>Elongation at break</b> Machine direction (MD)	DIN 53455	> 150	%	
Transverse direction (TD)		> 50	%	
<b>Shrinkage</b> 30 sec @ 95°C	DIN 53377	$\leq 4$	%	Measured in water
Machine direction (MD)		$43 \pm 2$	%	
Transverse direction (TD)				
<b>Surface tension</b>	DIN 53364	$\geq 34$	$\text{Dyn}/\text{cm}$	Measured with inks (pens) both sides
<b>Reel diameter</b>		Max.1000	Millimeter	
<b>Process conditions</b>	Best process conditions are between 20°C and 35°C. Lower temperatures can cause brittleness of the film. Higher temperatures can cause pre-shrinkage			
<b>Storage</b>	Below 30°C Exposure to direct sunlight is not permitted Maximum storage time is 12 month from delivery			



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