



# Achilles veredelt.

## technical data sheet - properties

### Achilles Spezial-Matt® - Film

Description: Extruded, biaxially oriented and special coated polypropylen film for lamination

Characteristics: 1. matte-character  
2. scratch-resistant surface

Treatment: The not-matte site corona treated

Properties		Unit	Test-Method	Typical Values
Thickness		µm	Achilles Method	17 (tolerance 5%)
Tensile Strength	MD	MPa	ASTM D 882	99,9
	TD			192,5
Elongation at break	MD	%	ASTM D 882	119
	TD			40
Haze		%	ASTM D 1003	56,6
transparency		%	ASTM D 1003	92,6
Gloss (Matte)		-	Achilles Method 60°	6 – 8
Coefficient of friction	m/m	-	DIN EN ISO 8295	0,30
Heat Shrinkage	MD	%	DIN 53 377	5,0
	TD			3,7
Bonding	<p>This matte OPP can be adhered to the surface of a collapsible box. In industrial tests on a collapsible box gluing machine „Jagenberg Diana“ and the use of GD-, GC- and sulphate carton the gluing results were excellent. The following adhesives was used in the tests:</p> <ul style="list-style-type: none"> <li>▪ Jowat: 74802</li> <li>▪ Henkel: A-7371</li> </ul> <p>Sample adhering tests are recommended!</p>			

MD= machine direction  
TD = cross machine direction

The "Achilles Special Matt Foil" has been tested for total migration and migration of certain components (specific migration) using the submitted samples by an independent, accredited institute. Conformity was confirmed with the valid food regulations (1935/2004/EC) as being suitable for the outside of food and other sensitive packaging, heeding the statutory provisions and regulations (GMP). Food conformity for the end product cannot be derived from this Declaration of Conformity. The manufacturer of the food packaging produced using the "Achilles Special Matt Foil" is obliged by law to have the end product tested for conformity with the food regulations.

Stand: Juli 2010