

<b>Technical Data Sheet</b>	Rev.1. 21.03.03.
<b>APET 025 - APET AF /AS</b>	
<b>ANTI FOG ONE SIDE/ ANTI SCRATCH ONE SIDE</b>	
<b>"MEDISHIELD" OPTICAL-GRADE FACE-PROTECTION FILMS</b>	
<p>APET is a high clarity film with excellent optical qualities          APET is fully recyclable and easily formed or shaped</p>	

<b>PHYSICAL PROPERTIES</b>			
Property	Unit	Nominal Value	Test Method
Specific gravity	g/cm <sup>3</sup>	1.34	ASTM D 1503
Tensile strength	kgf/Cm <sup>2</sup>	340	ASTM D 882
Izod impact strength @23°C ( 73°F )	J/m <sup>2</sup>	50	ASTM D 256
Heat distortion temp. @0.455mpa ( 66 psi )	°C	65-70	ASTM D 648
Vicat softening point (@ 5kg load)	°C	71 (+/-2)	ASTM D 1525
Thermoforming Temp.	°C	125-150	-
Light transmission	%	≥90	ASTM D 1003

**GENERAL SPECIFICATIONS**

<p>EXCELLENT SCRATCH RESISTANT PROPERTIES ONE SIDE          EXCELLENT ANTI-FOGGING PROPERTIES OTHER SIDE WHILE WEARING FACE PROTECTION          STANDARD THICKNESS : 200 micron          Gauges from 200micron to 800 micron          Maximum roll width 1500mm          Standard core diameter 76mm and 152mm          Film is delivered with PE protective film both sides</p>
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**CERTIFICATIONS**

<ul style="list-style-type: none"> <li>- USFDA CFR 21 : SECTION 177.1630</li> <li>- EU 10.2011. Migration</li> <li>- CONEG limits on heavy metal content</li> </ul>	<ul style="list-style-type: none"> <li>- ISO 9001/14001</li> <li>- SGS REACH</li> <li>- SGS EU 94/62</li> </ul>
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All data is based on in-house testing and are believed to be typical values when measured under laboratory condition.  
 Actual performance of the product described here in, and suitability for use is the responsibility of an end user.