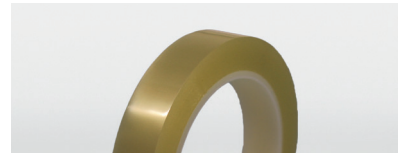
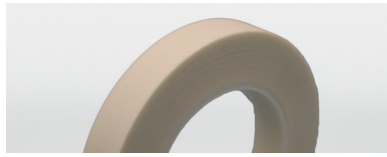
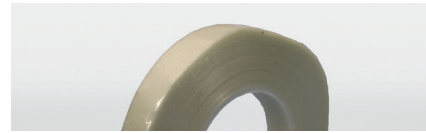
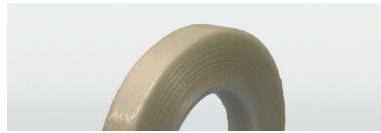


# WEIDMANN TAPES



WEIDMANN ADHESIVE TAPE product name	WET 2401	WET 2451
<b>Temperature class</b>	130 °C (B)	130 °C (B)
<b>General information</b>	<ul style="list-style-type: none"> <li>- Adhesive tape with reinforced backing</li> <li>- Tear-resistant backing with polyester cloth</li> <li>- Thermosetting acrylic adhesive</li> <li>- Excellent adhesion</li> <li>- Appropriate electrical strength</li> <li>- Very resistant to ageing</li> </ul>	<ul style="list-style-type: none"> <li>- Electrical insulating adhesive tape</li> <li>- Polyester film backing with acrylic adhesive</li> <li>- High degree of conformability</li> <li>- Qualified for use in oil filled distribution transformers</li> <li>- Temperature resistant</li> <li>- High dielectric strength</li> </ul>
<b>Feature and benefits</b>	<ul style="list-style-type: none"> <li>- High tear strength</li> <li>- Easy workability</li> </ul>	<ul style="list-style-type: none"> <li>- High degree of conformability</li> <li>- Ideal for use as insulation reinforcement of conductors at soldering points</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>- Oil filled distribution transformers</li> <li>- Engineered as construction tape for banding and reinforcing functions</li> <li>- To replace cotton fabric tape for outer wrap insulation of windings</li> <li>- Wire insulation reinforcement</li> </ul>	<ul style="list-style-type: none"> <li>- Oil filled distribution transformers</li> <li>- Used primarily for insulation reinforcement at soldering joints of fine wires or conductors</li> <li>- Outer winding wraps</li> <li>- Bandage for protection reasons</li> </ul>
<b>Technical data</b>	<b>unit</b>	
<b>Backing</b>		Polyester cloth
<b>Adhesive</b>		AT (Acrylic Thermosetting)
<b>Adhesion to copper</b>		✓
<b>Adhesion to aluminium</b>		✓
<b>Adhesion to paper</b>		✓
<b>Applicable in mineral oil</b>		✓
<b>Applicable in synthetic ester</b>		no
<b>Applicable in natural ester</b>		✓
<b>Backing thickness</b>	mm	0.100
<b>Total thickness</b>	mm	0.160
<b>Colour</b>		white
<b>Adhesion to steel</b>	N / 25 mm	11.8
<b>Tensile strength</b>	N / 25 mm	314
<b>Elongation at break</b>	%	12
<b>Breakdown voltage in air</b>	Vrms	2'000
<b>Shelf life</b>		can be stored at room temperature at least for 12 months
<b>Storage conditions</b>		can be stored at room temperature at least for 12 months
<b>Temperature</b>	°C	15 to 25
<b>Relative humidity</b>	%	50 (+/- 30 %)
<b>Curing cycles</b>		1 hour at 150 °C or 2 hours at 130 °C
<b>Standard tape widths</b>	mm	12, 19, 25
<b>Standard length</b>	m	50
<b>Inside diameter of core rolls</b>	mm	76



**WEIDMANN ADHESIVE TAPE product name**

**WET 247**

**WET 248**

<b>Temperature class</b>	155 °C (F)	155 °C (F)
<b>General information</b>	<ul style="list-style-type: none"> <li>- Adhesive tape with reinforced backing</li> <li>- Ideal electrical insulating product</li> <li>- Polyester film with glass filament reinforcement</li> <li>- Thermosetting acrylic adhesive</li> <li>- Excellent heat resistance</li> <li>- Superior tensile strength and adhesion</li> <li>- High electrical strength</li> <li>- Very resistant to ageing</li> </ul>	<ul style="list-style-type: none"> <li>- Adhesive tape with reinforced backing</li> <li>- Ideal electrical insulating product</li> <li>- Polyester film with glass filament reinforcement</li> <li>- Thermosetting acrylic adhesive</li> <li>- Excellent heat resistance</li> <li>- Superior tensile strength and adhesion</li> <li>- Excellent electrical strength</li> <li>- Very resistant to ageing</li> </ul>
<b>Feature and benefits</b>	<ul style="list-style-type: none"> <li>- Vapor phase resistant</li> <li>- Combines high tensile and tear strength</li> </ul>	<ul style="list-style-type: none"> <li>- Excellent electrical strength</li> <li>- Combines high tensile and tear strength</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>- Primarily use for small power transformers and also applicable in oil filled distribution transformers</li> <li>- Resistant to the solvent of vapor phase drying</li> <li>- Engineered for use as construction tape for various holding and banding function as for fixing the insulation paper or pressboard at the transformer windings production</li> <li>- Wire insulation reinforcement</li> </ul>	<ul style="list-style-type: none"> <li>- Oil filled distribution transformers</li> <li>- Engineered for use as construction tape for various holding and banding function as for fixing the insulation paper or pressboard at the transformer windings production</li> <li>- Fixing the insulation paper at the beginning of the LV foil and for bandaging of the outer wrap insulation of windings</li> <li>- Wire insulation reinforcement</li> </ul>

<b>Technical data</b>	<b>unit</b>		
<b>Backing</b>		Filament reinforced polyester film	Filament reinforced polyester film
<b>Adhesive</b>		AT (Acrylic Thermosetting)	AT (Acrylic Thermosetting)
<b>Adhesion to copper</b>		✓	✓
<b>Adhesion to aluminium</b>		✓	✓
<b>Adhesion to paper</b>		✓	✓
<b>Applicable in mineral oil</b>		✓	✓
<b>Applicable in synthetic ester</b>		no	no
<b>Applicable in natural ester</b>		no	no
<b>Backing thickness</b>	mm	0.114	0.165
<b>Total thickness</b>	mm	0.200	0.190
<b>Colour</b>		transparent	transparent
<b>Adhesion to steel</b>	N / 25 mm	11	12
<b>Tensile strength</b>	N / 25 mm	1'300	1'642
<b>Elongation at break</b>	%	5.5	5
<b>Breakdown voltage in air</b>	Vrms	5'000	6'000
<b>Shelf life</b>		can be stored at room temperature at least for 12 months	can be stored at room temperature at least for 12 months
<b>Storage conditions</b>			
<b>Temperature</b>	°C	15 to 25	15 to 25
<b>Relative humidity</b>	%	50 (+/- 30 %)	50 (+/- 30 %)
<b>Curing cycles</b>		1 hour at 150 °C or 2 hours at 130 °C	1 hour at 150 °C or 2 hours at 130 °C
<b>Standard tape widths</b>	mm	12, 19, 25	12, 19, 25
<b>Standard length</b>	m	55	55
<b>Inside diameter of core rolls</b>	mm	76	76