

Double-side Non-conductive Laminated Water-blocking Tape

PRODUCTNAME	LV-WBT-DN	TYPE	0.20-0.50mm
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Property	Unit	Performance				
		0.20±0.03	0.25±0.03	0.30±0.03	0.40±0.03	0.50±0.03
Thickness	mm	0.20±0.03	0.25±0.03	0.30±0.03	0.40±0.03	0.50±0.03
Mass Per Unit Area	g/m ²	80±10	90±10	100±10	120±10	130±10
Tensile Strength	N/cm	≥25	≥30	≥40	≥40	≥40
Elongation	%	≥12	≥12	≥12	≥12	≥12
Swelling Height	mm/3 min	≥12	≥14	≥16	≥16	≥16
Swelling Speeding	mm/1 min	≥8	≥10	≥12	≥12	≥12
Moisture Content	%	≤9	≤9	≤9	≤9	≤9
Short Term Stability	°C	230	230	230	230	230
Long Term Stability	°C	90	90	90	90	90

Remark:

The above mentioned data property should only be regarded as a general information of products and not a guarantee. Some of the properties can be tailor made for you.

Single-side Non-conductive Laminated Water-blocking Tape

PRODUCTNAME	LV-WBT-SN	TYPE	0.15-0.30mm
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Property	Unit	Performance			
Thickness	mm	0.15±0.03	0.20±0.03	0.25±0.03	0.30±0.03
Mass Per Unit Area	g/m ²	60±10	70±10	80±10	90±10
Tensile Strength	N/cm	≥20	≥25	≥30	≥40
Elongation	%	≥12	≥12	≥12	≥12
Swelling Height	mm/3 min	≥8	≥12	≥14	≥16
Swelling Speeding	mm/1 min	≥6	≥8	≥10	≥12
Moisture Content	%	≤9	≤9	≤9	≤9
Short Term Stability	°C	230	230	230	230
Long Term Stability	°C	90	90	90	90

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Double-side Semi-conductive Laminated Water-blocking Tape

PRODUCTNAME	LV-WBT-DS	TYPE	0.30-0.50mm
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Property	Unit	Performance		
Thickness	mm	0.30±0.03	0.40±0.03	0.50±0.03
Mass Per Unit Area	g/m ²	120±10	140±10	160±10
Tensile Strength	N/cm	≥30	≥40	≥40
Elongation	%	≥12	≥12	≥12
Swelling Height	mm/3 min	≥12	≥12	≥16
Swelling Speed	mm/1 min	≥8	≥10	≥10
Moisture Content	%	≤9	≤9	≤9
Short Term Stability	°C	230	230	230
Long Term Stability	°C	90	90	90
Surface Resistivity	Ω	≤1500	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶

Remark:

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Single-side Semi-conductive Laminated Water-blocking Tape

PRODUCTNAME	LV-WBT-SS	TYPE	0.30-0.50mm
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Property	Unit	Performance		
Thickness	mm	0.30±0.03	0.40±0.03	0.50±0.03
Mass Per Unit Area	g/m ²	110±10	130±10	150±10
Tensile Strength	N/cm	≥30	≥35	≥50
Elongation	%	≥12	≥12	≥12
Swelling Height	mm/3 min	≥10	≥12	≥14
Swelling Speed	mm/1 min	≥8	≥8	≥10
Moisture Content	%	≤9	≤9	≤9
Short Term Stability	℃	230	230	230
Long Term Stability	℃	90	90	90
Surface Resistivity	Ω	≤1500	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶

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PET Film Laminated Non-conductive Water-blocking Tape

PRODUCTNAME	LV-WBT-SN-PET	TYPE	0.25-0.30mm
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Property	Unit	Performance	
Thickness	mm	0.25±0.03	0.30±0.03
Mass Per Unit Area	g/m ²	110±10	120±10
Tensile Strength	N/cm	≥25	≥30
Elongation	%	≥12	≥12
Swelling Height	mm/3min	≥12	≥14
Swelling Speed	mm/1min	≥7	≥10
Short Term Stability	℃	230	230
Long Term Stability	℃	90	90
Moisture Content	%	≤9	≤9

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Semi-conductive Laminated Water-blocking Buffer Tape

PRODUCTNAME	LV-WBT-BS	TYPE	1.5-2.0mm
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Property	Unit	Performance	
Thickness	mm	1.5±0.5	2.0±0.5
Mass Per Unit Area	g/m ²	240±30	270±30
Tensile Strength	N/cm	≥40	≥40
Elongation	%	≥12	≥12
Swelling Height	mm/3min	≥10	≥12
Swelling Speed	mm/1min	≥6	≥8
Surface Resistivity	Ω	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶
Short Term Stability	℃	230	230
Long Term Stability	℃	90	90
Moisture Content	%	≤9	≤9

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Semi-conductive Nylon Tape

PRODUCTNAME	LV-NLT-S	TYPE	0.10-0.14mm
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Property	Unit	Performance		
Thickness	mm	0.10±0.02	0.12±0.02	0.14±0.02
Mass Per Unit Area	g/m ²	90±10	100±10	110±10
Tensile Strength	N/cm	≥100	≥120	≥140
Elongation	%	≥12	≥12	≥12
Surface Resistivity	Ω	≤1500	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶
Short Term Stability	℃	230	230	230
Long Term Stability	℃	145	145	145
Moisture Content	%	≤9	≤9	≤9

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Semi-conductive Cotton Tape

PRODUCTNAME	LV-CT-SS	TYPE	0.30-0.35mm
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Property	Unit	Performance		
		Single-side	Double-side	
Thickness	mm	0.35±0.03	0.30±0.02	0.35±0.02
Mass Per Unit Area	g/m ²	200±30	180±30	200±30
Tensile Strength	N/cm	≥40	≥40	≥60
Elongation	%	≥25	≥25	≥25
Surface Resistivity	Ω	≤1500	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶

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Semi-conductive Tape

PRODUCTNAME	LV-NWT-S	TYPE	0.10-0.35mm
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Property	Unit	Performance					
Thickness	mm	0.10±0.02	0.15±0.02	0.20±0.02	0.25±0.02	0.30±0.02	0.35±0.02
Mass Per Unit Area	g/m ²	40±10	50±10	60±10	70±10	80±10	90±10
Tensile Strength	N/cm	≥30	≥30	≥35	≥40	≥45	≥50
Elongation	%	≥12	≥12	≥12	≥12	≥12	≥12
Surface Resistivity	Ω	≤1500	≤1500	≤1500	≤1500	≤1500	≤1500
Volume Resistivity	Ω·cm	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶	<1×10 ⁶
Short Term Stability	°C	230	230	230	230	230	230
Long Term Stability	°C	90	90	90	90	90	90
Moisture Content	%	≤9	≤9	≤9	≤9	≤9	≤9

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