

TECHNICAL DATA SHEET



Water Blocking Tape

Water Blocking Tape is a double sided non-conductive laminated tape made from polyester non-woven fabric, polyacrylate swelling powder, and a corrosion inhibitor. It is used for water blocking cable armoring.

Property	Unit	UT-20	UT-25	UT-30	UT-50	Test Method
General						
Thickness	mm	0.20+0.03	0.25+0.03	0.30+0.03	0.50+0.03	ISO 9073-2
Mass per unit area	g/m ²	70+10	80+10	90+10	130+10	ISO 9073-1
Tensile Strength	N/cm	>30	>35	>40	>40	ISO 9073-3
Elongation	%	>12	>12	>12	>12	ISO 9073-3
Swelling Speed	Mm/1'00	>6	<9	>10	>12	GB 450
Swelling Height	Mm/3'00	>9	>12	>14	>16	GB 450
Short Term Stability	°C	230	230	230	230	Q/TR.J02.01
Long Term Stability	°C	90	90	90	90	IEC 216
Moisture Content	%	<8	<8	<8	<8	ISO 287

Product Offering

Width (mm) Slit roll Pads: 8-20, 20-500, >500

Width (mm) Slit roll (Spools): 12-50

Max. OD (mm) Pads: 450,<900,<900

Max. OD (mm) Spools: <900

Length (m): 700-1000, 2000

ID (mm) Pads: 76,82,90,120,150

ID (mm) Spools: 76-150

Core Width (mm) Pads: <860

Core Width (mm) Spools: <700

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