

## MATERIAL DATA SHEET

**Type:** Double Sided Non-conductive Laminated.

**Composition:** Polyester non-woven fabric, Polyacrylate swelling powder, Corrosion inhibitor

**Application:** Under radial barrier, Water blocking armoring / between cable components

Property	Unit	UT-20	UT-25	UT-30	UT-50	Test method
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 <sup>2</sup>	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

Roll and spool dimensions:

Standard	Pads			Spools
Slit width(mm)	8 -20	20-500	> 500	12-50
Max.OD (mm)	450	≤ 900	≤900	≤ 900
Length (m)	700-1000	2000	2000	
ID (mm)	76,82,90,120,150			76-150
Core width	≤860			≤ 700

- Other widths, ID and OD are also available on request

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