

Water Blocking Polyester Tapes



Rev. No: 5526

WBPTDSJ

Fokabeks Kablo ve Sistemleri Ltd. Şti.



'where
fiber optic happens'

TECHNICAL DATASHEET

Product	Water Blocking Double Side Polyester Tape
Product PN	FX WBPTDSJ
Material	Made from high tenacity, low dust flexible polyester fabric. Smooth surface. No harmful to humans, nonconductive & nonwoven product. Natural color. Includes SAP particles with high & quick swelling properties between two layers of polyester tape.
Features & Benefits	Ideal product to be used in dry core type fiber optic cables applied helically or longitudinally as water blocking element in any layer. Suitable to prevent water penetration and migration to avoid the entrance of water. Easy processing & user friendly material with very flexible and soft tape form.

Typical Specs

Properties (@T = 23°C & RH = 50%)	Unit	Test Standard	WBPT15DSJ	WBPT20DSJ
Thickness	mm	ISO-9073-2	0,15 to 0,16	≥ 0,20
Tensile Strength	N/ cm	ISO-9073-3	≥ 30	≥ 30
Elongation at Break	%	ISO-9073-3	≥ 10	≥ 10
Moisture Content	%	ISO 287	≤ 9	≤ 9
Weight	g/m ²	ISO-9073-1	≥ 45	≥ 50
Swelling Speed @ 1 minute	mm	-	≥ 5	≥ 8
Swelling Height @ 3 minutes	mm	-	≥ 6	≥ 10
Maximum Operational Temperature	°C	IEC 216	90	90
Maximum Processing Temperature	°C	-	230	230

Packaging

Tape is precision, flawless & consistent wound to strong & thick cylindrical cardboard jumbo rolls.

Standart Jumbo Rolls Dimensions *

OD (mm)	450 to 650
L (mm)	920 to 960
T (mm)	900 to 960
ID (mm)	76/ 77

* Custom design traverse rewinding rolls or slitted pads available upon request.