

RAW MATERIAL SPECIFICATIONS FOR 19 MT ± 25% POLYESTER TAPE

1. Scope

This specification covers the requirements of polyester tape to be used in jelly filled Telephone cable.

2. Quality requirement

The tape shall be smooth surface with excellent compatibility with filling compound .

It shall meet the requirement as specified in table given below:

Se. No.	Parameter	Test method	Requirement
1	Appearance	Visual	Free from apparent defects like dirt, irregular edge cutting, pinholes or joints and winded with uniform tension
2	Thickness	Micrometer	0.025 ± 0.002 mm
3	Elongation	ASTM-D882	Min. 90%
4	Tensile strength	ASTM-D882	Min. 14 Kg/mm ²
5	Melting point		260 ° C
6	Softening point		250 °C
7	Heat shrinkage	150 °C for 30 min	7.0 % max.

3. Packing and quantity

Width of tape / mm	30	40	30	40	45	90	100	120	130	140	150
Quantity / ton	2	2	1	1	3	1	1	2	2	2	2
Inner dia. Of roll / mm	80		150								
Max. Outer dia. Of roll / mm	275		700								

The polyester tape shall be in rolls of continuous length wound on plastic gaskets. And packed in wooden boxes as to be protected from contamination & damages during transportation and storage

Packing shall be suitable for sea shipment in containers.

Each packing to have a tag giving:

- Width of the tape.
- Net weight of the coils .
- Serial number of the packing.

4. Test certificate

The supplier shall submit test report for each lot / batch of martial

5. Criteria of acceptance / rejection

The material shall be subjected to inspection and the test shall be carried out for Acceptance / rejection on part whole lot.

6. Sample

One roll of polyester tape to reach company before closing date by express delivery for making all tests.

The sample shall be the basis for accepting or rejecting the offer.