

LEVEL-WOUND SPOOLING

SINGLE-SIDED TAPE SPOOLING

1) Spooling:

Level wound spools are common formats for foam and felt tapes in bulk. They are the most efficient use of packaging and space and can hold as much as 1800m, which is often able to support a full shift of production.

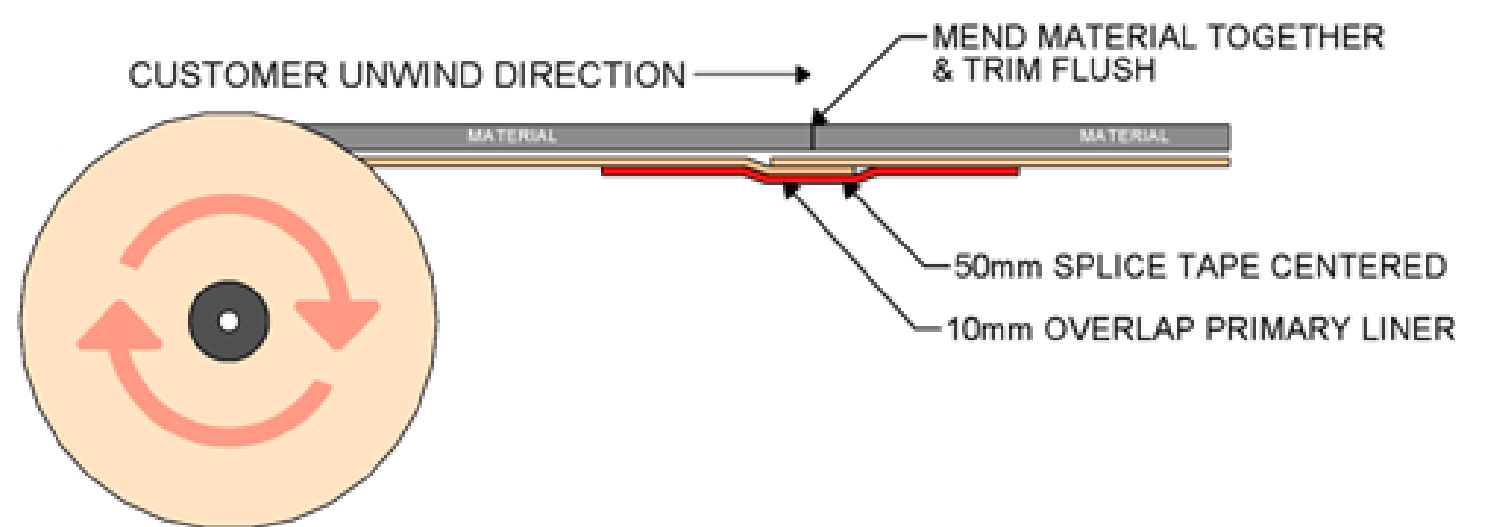
The below specifications apply when spooling product to work with the system:

- Maximum spool width 406mm (16")
- Maximum spool diameter 406mm (16")
- Liner section:
 - Paper based Poly Coated Kraft or Super Calendar Kraft have high tensile strength which is best for pulling
 - Polymer based liners such as Polyethylene and Polypropylene are also acceptable, tensile strength is lower than paper based liners but can also be successful
 - Spool end caps pressed into core to adapt the roll are required, 27mm or 1-1/16" ID are most common
 - RoboTape machine will come with adapters as required to match the spool to the 20mm diameter spindle

2) Splices:

The preferred splice parameters are detailed below as to best avoid stoppages or jams in the equipment. Please contact us to discuss alternative splice methods.

- Minimum quantity of splices throughout spool
- Splice tape: 2-3mil thick (0.002-0.003")
- Recommended RED High Tack Splice Tape Reorder Part Number: A0044377
- Splice tape must differ in color from primary liner
- Splice tape to be installed on a single face, opposite to side of material
- Each end of liner to be adjoined with 10mm (0.39") overlap
- 50mm (2") splice tape coverage is ideal



RoboTape Single Liner Functional Splice Method Video:

<https://www.youtube.com/watch?v=1g9LLfRuHms>