# THE TUBE PACKAGING

https://thetubepackaging.com/

## INTRODUCTION

- <u>Paper tubes</u> are cylindrical structures made from multiple layers of paperboard.
- They are lightweight, durable, and environmentally friendly.
- Used in various industries including packaging, construction, and textiles.

### TYPES OF PAPER

1. Spiral Wound Tubes:

Made by winding layers of paper in a spiral pattern.

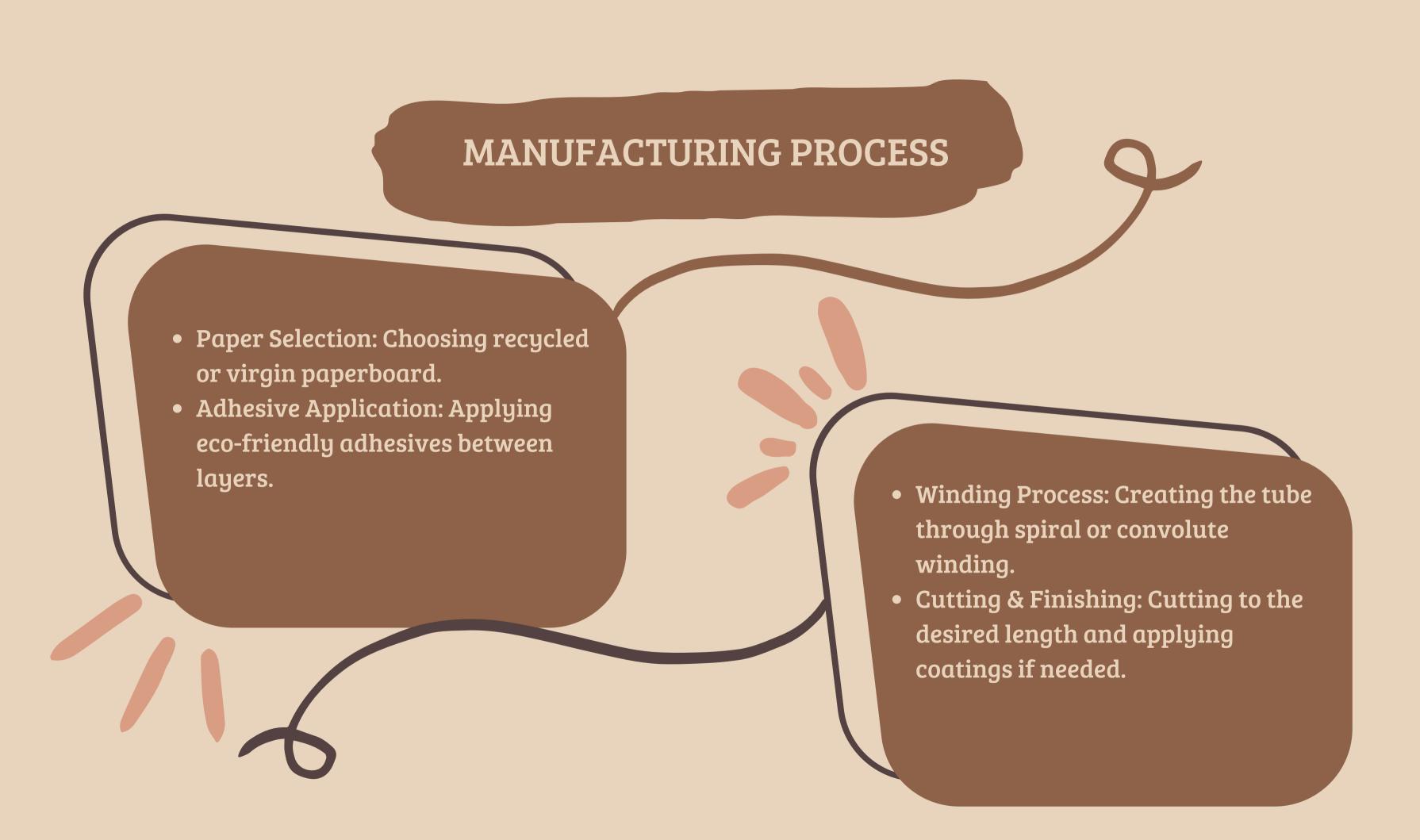
1. Convolute (Parallel) Tubes:

Layers wrapped around a mandrel in a straight direction.

1. Composite Tubes:

resistance.

Combination of materials for added strength and moisture



## APPLICATIONS OF ER TUBES

- Packaging: Used for mailing tubes, food packaging, and protective cases.
- Textiles: Core for fabric rolls, yarn, and thread spools.
- Construction: Formwork for concrete columns, insulation cores.
- Arts & Crafts: DIY projects, decorations, and creative applications.
- Industrial Uses: Fuse protection, fireworks casings, and filtration tubes.

## ADVANTAGES OF PAPER TUBES

- Eco-friendly: Biodegradable and recyclable.
- Cost-effective: Affordable alternative to plastic and metal.

- Lightweight yet Strong: Easy to transport and handle.
- Customizable: Available in different sizes, thicknesses, and coatings.

# SUSTAINABILITY & ENVIRONMENTAL IMPACT

#### Qualitative

- Made from recycled paper, reducing deforestation.
- Lower carbon footprint compared to plastic and metal tubes.
- Easily recyclable and compostable at the end of life.





