

Bill of Materials (BOM)

1.1 Detail of Parts

1) Pipe 110x500mm



Figure 1: Pipe 110x500mm

Basic info:

Tube

Measure: 110mm x 500mm

Material: Strong

Holes: 2 holes of Φ 100mm (holes should be cut according to the dimension of flower pot selected by customer)

Tolerance:

Size: Standard tolerance

Material: Standard tolerance

Get this Part:

Buy: Only as local make

2) Elbow 110mm, 87°



Figure 2: Elbow 110mm, 87°

Basic info:

Elbow

Measure: 110mm, 87°

Material: Strong

Tolerance:

Size: Standard tolerance

Material: Standard tolerance

Get this Part:

Buy: Readily available in stores

Make: No instructions available

3) Lubricant (Gleitmittel)



Figure 3: Lubricant (Gleitmittel)

Basic info:

Lubricant for waterproofing

Get this Part:

Buy: Readily available in stores

Make: No instructions available

4) Rope:



Figure 4: Rope

Basic info:

Rope

Measure: 1.5m

Material: Strong

Get this Part:

Buy: Readily available in stores

Make: Mark the dimension of 1.5m and cut the rope with the help of a scissor or paper cutter.

5) Wick:



Figure 5: Wick

Basic info:

Rope
Measure: 150mm
Material: Strong

Get this Part:

Buy: Readily available in stores
Make: Mark the dimension of 150mm and cut the rope with the help of scissor or paper cutter

6) Spray Paint



Figure 6: Spray paint

Basic info:

Spray paint for colouring

Get this Part:

Buy: Readily available in stores
Make: No instructions available

1.2 Cost Analysis

Sr. no	Part name	Price (€)	Quantity	Total cost
1	Pipe (φ 110mm, length 500mm)	2.39	1	2.39
2	Elbow (110mm, 87°)	2.25	2	4.5
3	Lubricant (Gleitmittel)	4.45	1	4.45
4	Flower pot	10	2	20
5	Rope(10m)	7.95	1	7.95
6	Spray paint	10.75	1	10.75
Sum				50.04

Table 1 BOM and Cost Analysis