



## TECHNICAL SPECIFICATION : PVC TRAFFIC CONES 500mm

### UT 5002 (WITH SINGLE REFLECTIVE SHEETING)

#### 1. MAIN BODY

##### 1.1 SHAPE, SIZES, WEIGHT and COLOR

**Shape:** The traffic cone illustrated above is single part with its body and base, has handle hook on the top and the base is in rectangular shapes. The corners and edges of the base are rounded. There are feet on the corners and edges of the base. There is reflective sheeting on the body. Its surface is flat and smooth. Owing to suitable shape, identical cones can be stacked on top of each other easily.

**Dimensions:** Height:(H) 500mm (excluding the handle), base: 285 mm (each of 4 sides)

**Weight:** 1,3 ± 0.1 kg

**Color:** Cones are fluorescent red or orange color, UV-tempered. Reflective sheetings are white color.

##### 1.2 FUNCTIONAL PROPERTIES

- Under the base of the cone, there are openings for the accumulated water to flow.
- Cone is made of flexible material, easily bent and straightened, unbreakable.

##### 1.3 MATERIAL PROPERTIES

Raw Material is PVC, and has the following properties.

MATERIAL PROPERTIES	TEST METHOD	UNIT	VALUE
Hardness	Ici solvic pcc 152	shore A	90 ± 5
Density	ASTM D 792	gr/cm <sup>3</sup>	1,24 ± 0,1
Tensile strength at break	Ici solvic pcc 160/67	kg/cm <sup>2</sup>	>100
Resistance in %100 elongation	Ici solvic pcc 160/67	kg/cm <sup>2</sup>	>40
Elongation at break	Ici solvic pcc 160/67	%	>150

## 1.4 PRODUCTION METHOD

Cone, as a single part together with its base, is manufactured by plastic injection molding method.

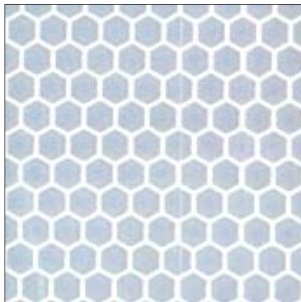
## 1.5 PACKAGING

In strong carton boxes, each box contains 10 cones.

## 2. REFLECTIVE SHEETING

### 2.1 PERFORMANCE FEATURES

1 pcs of micro-prismatic polymeric PVC layer on the cone are applied. The table below shows the performance features;



10microns

Observation Angle	Entrance Angle	Coefficient of Retro-reflection cd/lx/m2
0,2°	-4°	210

### 2.2 REFLECTIVE PROPERTIES

\* Reflective total thickness: 500 ±

\* Reflective weight: 560 ± 10 gram/sqm

