

Heliport Windcone

Applications

The heliport windcone is widely used in airport & heliport, It combines windsock, obstruction light, flood light together, when wind comes, the windsock rotates, it can show the wind's direction both day & night, to guide the pilot to land safely.

Technical Specifications

- Application: Heliport/airport
- Pole length: 3m, Φ144mm, Non telescopic type
- Pole material: ICAO frangible GRP mast
- With light or not: With 1 LED internal lights + 1 obstruction light
- Windsock color: Orange
- Length: 3m
- Windsock material: Premium nylon
- Mouth diameter: 10 inch
- Ambient Temp: -25°C to +65°C
- Net weight: 20kg

Features:

- Windsock (without stand) for indicating direction of wind and for use in Oil & Gas industries.
- The wind sock shall attain the shape of a truncated cone when filled with air and shall indicate the true wind direction.
- The wind sock shall be able to rotate 360 degrees freely about the vertical shaft it is attached to, when subjected to wind of 3 knots (5.6 km/hr. or 3.5 mph) or more.
- Fabric shall conform to BS EN ISO 20471 (Standard for high visibility clothing).
- Fluoro luminescent highly visible color, preferably orange color or white & orange strips
- Double or triple stitched at all seams; It shall be reinforced at all points that are subject to abrasion by flexing against the metal framework and be designed for replacement without use of special tools or stitching.
- Made with a reinforced mouth and fitted with a single band of brass eyelets.
- Wind sock shall be made of water repellent long-lasting fabric (parachute cloth or equivalent).
- Fabric and all components must be UV resistant, suitable for hot & cold windy climatic conditions.
- Fabric having good quality and long lasting, preferably conforming to international standards such as BS EN ISO 20471 (Standard for high visibility clothing) and BS EN 343 (Protective Clothing: Protection against rain) are preferable (Note: Suppliers can provide copy of third party certificates as evidence for complying with these standards to substantiate the quality of the fabric; certified fabrics have priority over non certified fabrics).
- Fabric must be Fluoro luminescent, highly visible color, preferably orange color.
- The ropes used for tying the windsock with the frame must be long-lasting, preferably steel wires for easy attachment to the frame.
- With 1 obstruction light + 1 internal LED light, to illuminate the windsock at night.

