

# Windsock and Accessories

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We Offer  
Creative  
Design

Document No.: RK-11-02-CAT / 2021

# Welcome to Arka Sanat Pishroo



Our dreams is build a new generation of high quality design and development with professional skills and efficiency technology in firefighting and fire alarm systems.

Arka Sanat is specialized in designing, manufacturing and installation Firefighting and Fire Alarm systems. When it comes to fire safety and extinguishing solutions, reliability is essential. Therefore, Arka Sanat exclusively cooperates with internationally acknowledged partners.

Arka Sanat with his brand that name is "Trust" has multiple experiences of consulting and performing in national industries of Oil and Gas, Petrochemical, Refinery, Mining, Municipality, Airport, Fire department, Administrative and Commercial centers.

However Arka Sanat offers a lot more than products and services. By all means, we are involved during the complete project and the final commissioning to finish every project successfully.

## Why Choose Us?

Our strong sense of identification with client projects means that we are constantly striving to provide solutions, even for issues they aren't yet aware of. To this end, we adopt a progressive approach to technology and marketing techniques.

This sense of identification also means we value and promote seamless interaction with clients' own teams, and ensure the best value is obtained from their event budget.

We love what we do, some might say a bit too much & we bring enthusiasm and commitment to every project we work on.



Focus on quality



20 years of experiences



Great company value



Passionate team



Quick response



Professional

# Arka Fire Safety Solution

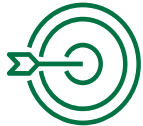
## Our Best Services

Today, The Arka Sanat provides Fire Safety Systems with integrated solutions for any fire protection challenge. The Arka Sanat profession focuses on Designing and Construction a wide variety of safety equipment to human health and safety in the workplace. Rely on Arka Sanat to deliver:



### Design & Engineering

Arka Sanat engineering services leverage the cross-functional group of experts at RK to deliver creative, accurate solutions to complicated challenges in a shorter period of time.



### Procurement

Making the details come together is critical to a projects success. Our team works with suppliers to negotiate competitive pricing, delivery expectations, logistics, and administrative details. They also work closely with project management to assure all items are at the site when needed in good condition.



### Construction

Arka Sanat provides predictable and reliable service for firefighting and Fire Alarm Systems. we offer accountability for results. Safety was the driving force behind the decision to start our company, and it remains a crucial factor on every construction project.

## About Our Product

We are a professional & solid company team who works with passion & skills to provide the best design for business needed, Arka Sanat Company will provide all parts of Safety Wind-sock & Accessories with the highest quality as follows:

- Wind Sock with Frame, Pole & Bar
- Wind Sock on Pipe Support
- Wind Sock on Tower
- Wind Sock with Flashing Light
- Wind Sock with Lightning
- Wind Sock with Solar Panel

These are manufactured in corrosion resistant material, Stainless Steel, Galvanised Carbon Steel and brass and are suitable for both onshore and offshore applications.



We can imagine that you still have some question about you own specific situation after reading this leaflet. Our colleagues will be pleased to help you by making a good chance for your kind of risk. Please contact us:

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# Windsock

Windsocks are designed to be used for finding Wind Direction Indicators.

Genrally all windsock are made in polyester, nylon and pvc fabric with resistant to U.V. and bad weather conditions, the density of the fabric does not exceed the 120 gsm recommended by the standards.

Our red and white , orange-white and orange windsocks are available in various sizes and dimensions.

Arka Sanat offers Safety Windsock in different styles to meet varying installation requirements and our products based on the latest modern technical processes and complies with the best international standards.

in genral Arka Sanat offers three types of Windsock as follow:

- Wall Mounted Windsock
- Support Pipe Windsock
- Windsock with Tower

It is better to fail in originality than to succeed in imitation





# Arka Sanat

## Type of Windsock

Arka Sanat have a complete line of windsock assemblies for industrial and aviation applications. Windsocks and their support structures are made from high-grade materials and designed to provide reliable performance in even the most extreme environmental conditions.

All equipment is designed to internationally recognized standards and thoroughly tested to ensure quality. Custom engineering and fabrication services are available. We also manufacture windsock assemblies for refinery and petrochemical plant applications.

Model Number	Description	Heights (m)	Accessories
RK-WSK-101	Windsock with Frame & Pole	1.5	Frame & Pole
RK-WSK-201	Wall Mounted	4	Bracket for Fasten
RK-WSK-301	Windsock with Pipe Support	5 to 8	Pipe & Base Plate
RK-WSK-302	Windsock with Pipe Support	5 to 8	Flash Light & JB
RK-WSK-303	Windsock with Pipe Support	5 to 8	Flooding Light & JB
RK-WSK-304	Windsock with Pipe Support	5 to 8	Flash Light & Flooding Light with JB
RK-WSK-305	Windsock with Pipe Support	5 to 8	Flash Light & Flooding Light with Solar Panel
RK-WSK-306	Windsock with Pipe Support	5 to 8	with Interior Light
RK-WSK-401	Windsock with Tower	12 to 15	Tower

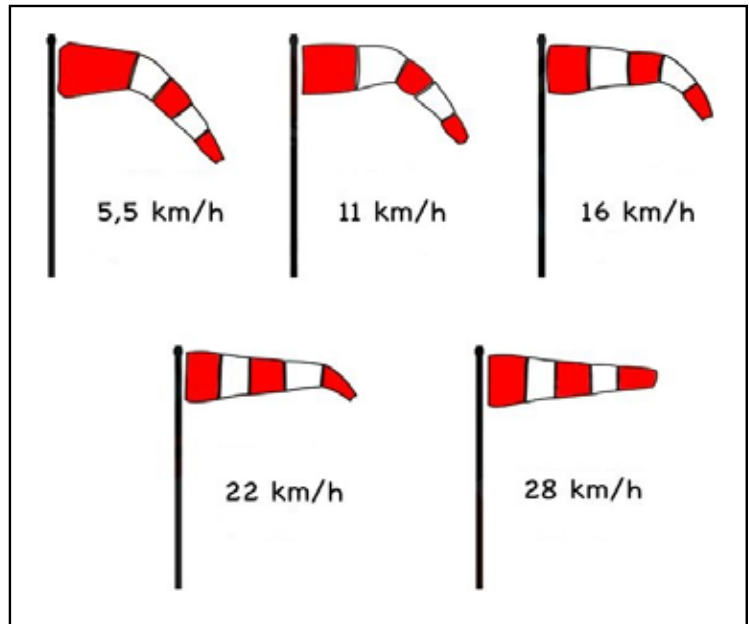
### Windsock Frame:

Windsock frames are made high quality corrosive resistant stainless steel, is great for salt water or corrosive areas. All parts including washers, etc. are stainless steel. The windsock frame has top and bottom steel bearing assembly for smooth running with a pipe thread mount that can be attached to the main pole. The frame assembly is of the single hoop, trailing vane design and incorporates a 100% stainless steel frame and permanently lubricated bearings. All units are made with non-corrosive stainless steel materials.

Item	Material Option
Windsock	Ployester / Nylon
Pole	Stainless Steel 304 / Stainless Steel 316
Frame & Hoops	Stainless Steel 304 / Stainless Steel 316
Pipe	Carbon Steel / Galvanized Carbon Steel / Stainless Steel
Junction Box	Aluminum

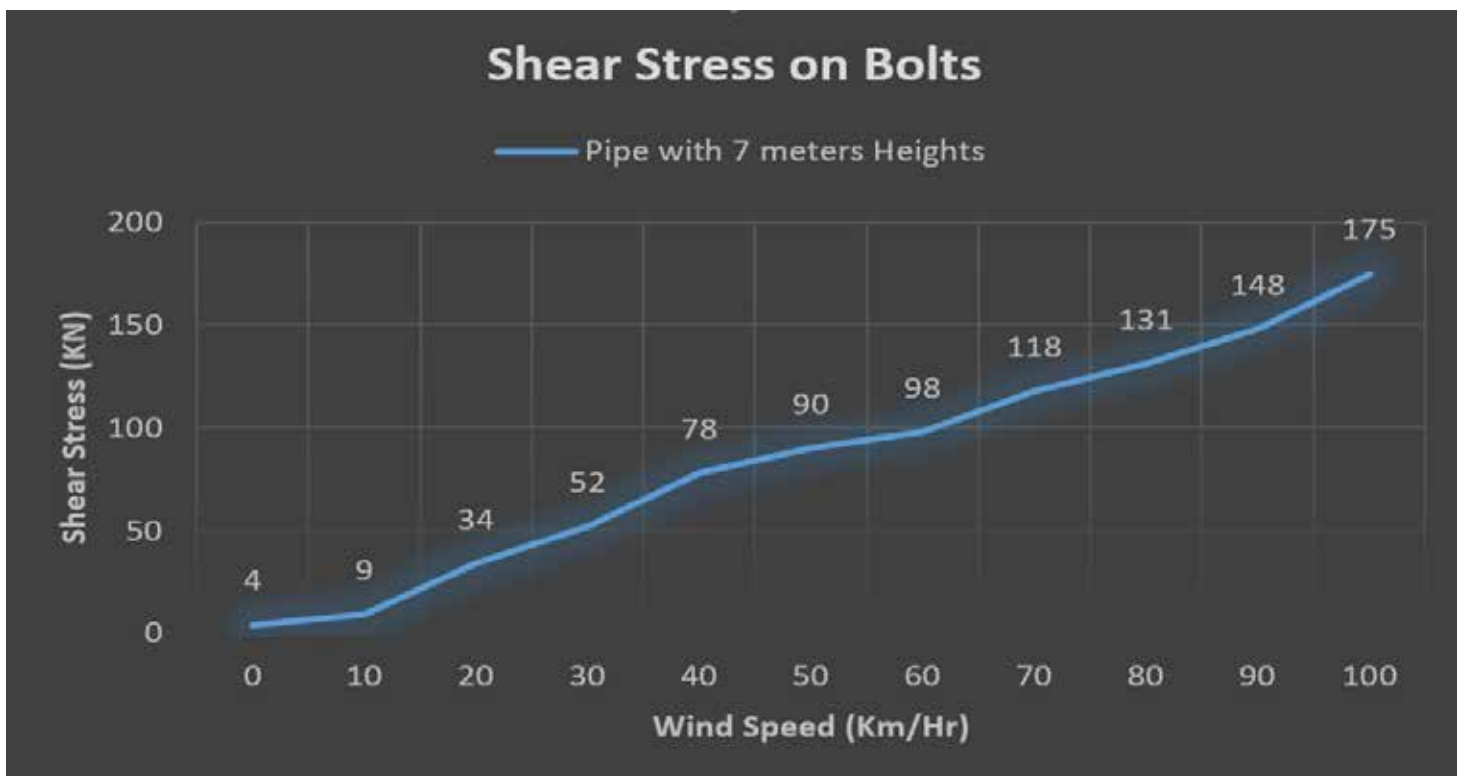
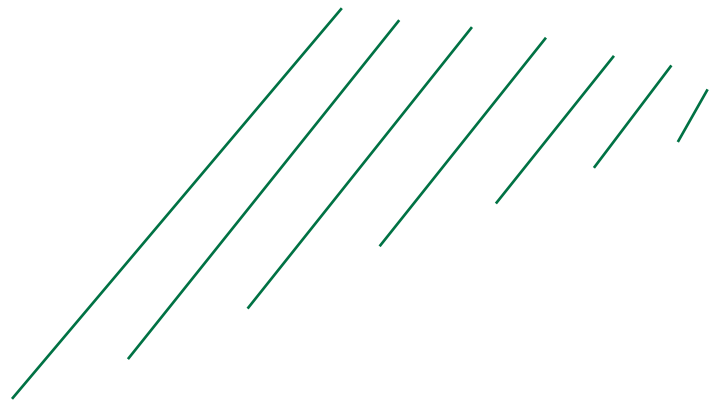
# Meaning Winsock Angle & Direction

Wind sock also called wind direction indicator. It is indicated by the windsock's angle relative to the mounting pole. In low winds, the windsock droop down and in high winds it flies horizontally. Some times windsocks can be used outdoor advertisements, sports events, promotions, festival celebration, etc. Windsock can indicate the wind direction in the ultimate approach and take off area and make a general indication on the wind speed.



The place to be used Windsock:

- Small Airports and Airfields
- Medical Transportation and Helipads
- Petrochemical Plants
- Oil & Gas Refinery
- Offshore
- Agriculture
- Harbours, ports, marine
- Power Station
- Vessels



Sesimics Shear Stress on Bolt in Windsock Base Plate

# Windsock Specification

## Fabric Windsock:

- Size: 0.9m x 3.6m, 0.6m x 2.4m, and 0.45m x 2.4m
- Color: Orange, red/white (5 bands)
- Material: Polyurethane coated nylon

## Swivel:

- Designs: Unlit, internally lit, and externally lit
- Material: Stainless steel hardware
- Rotation: 2 fully enclosed stainless steel bearings
- Mount: 1-1/2" NPT male

## Basket:

- Size: 0.45m, 0.6m, and 0.9m diameter
- Material: Aluminum alloy parts, stainless steel hardware
- Color: Powder coated orange
- Shipping: Collapsible for low-cost shipping and easy assembly

## Electrical:

- Power Supply: 100-240 VAC, 2.8-6.6 A, 12 VDC (Solar)
- Standard: CSA certification, upon request for 100-240 VAC
- Safety: External manual disconnect switch
- Junction Box: Weatherproof PVC (100-240 VAC), vented aluminum (2.8-6.6 A and 12 VDC), all pre-wired

## Internal LED Lamp:

- Qty: 2 for 100-240 VAC and 2.8-6.6 A; 1 for 12 VDC
- Total Wattage: 10W for 0.45m, 24W for 0.6m, 36W for 0.9m;
- 12 VDC uses 5W for 0.45m and 0.6m, 12W for 0.9m

## Solar Power Kits:

- We offer a Solar Engine Power Supply (SEPS) to go with our 12 VDC Windsock Assembly.
- The SEPS comes in two sizes - 80W and 160W - which is rated for 10+ days of autonomy in most locations. Although standardized, customers should always confirm installation location with Flight Light to ensure the SEPS is properly rated.

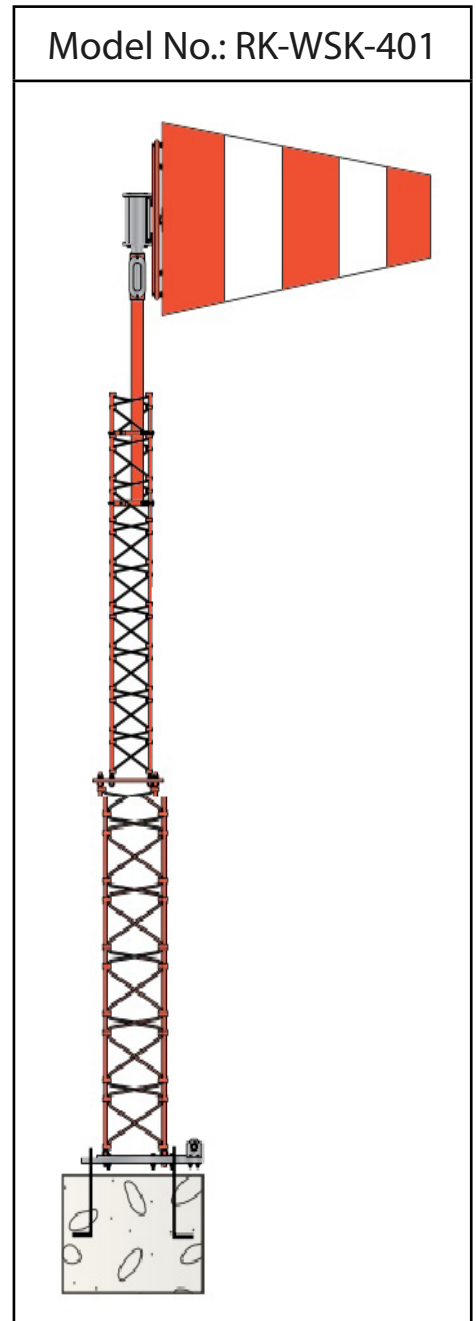
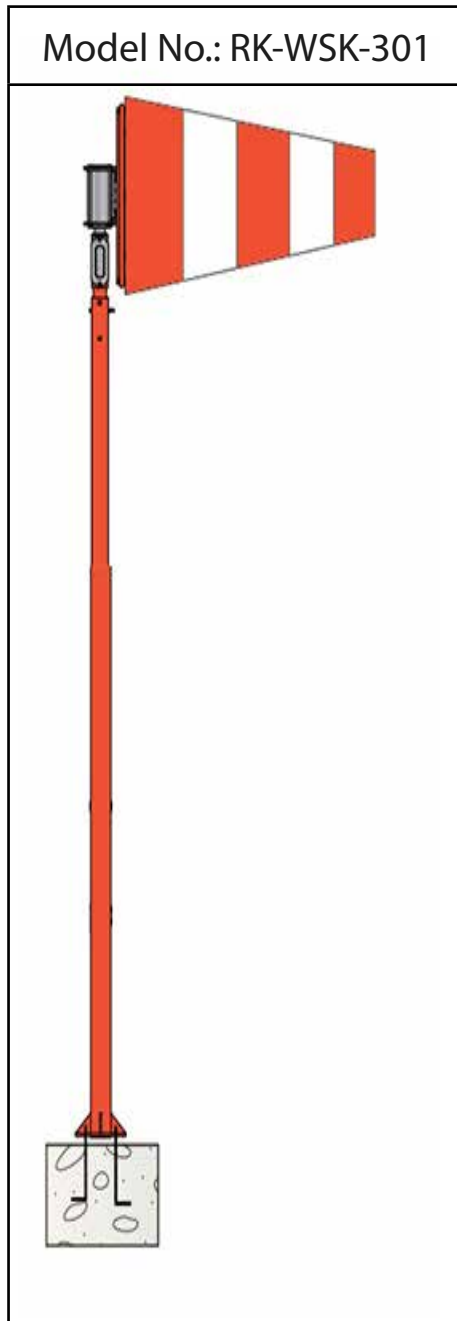
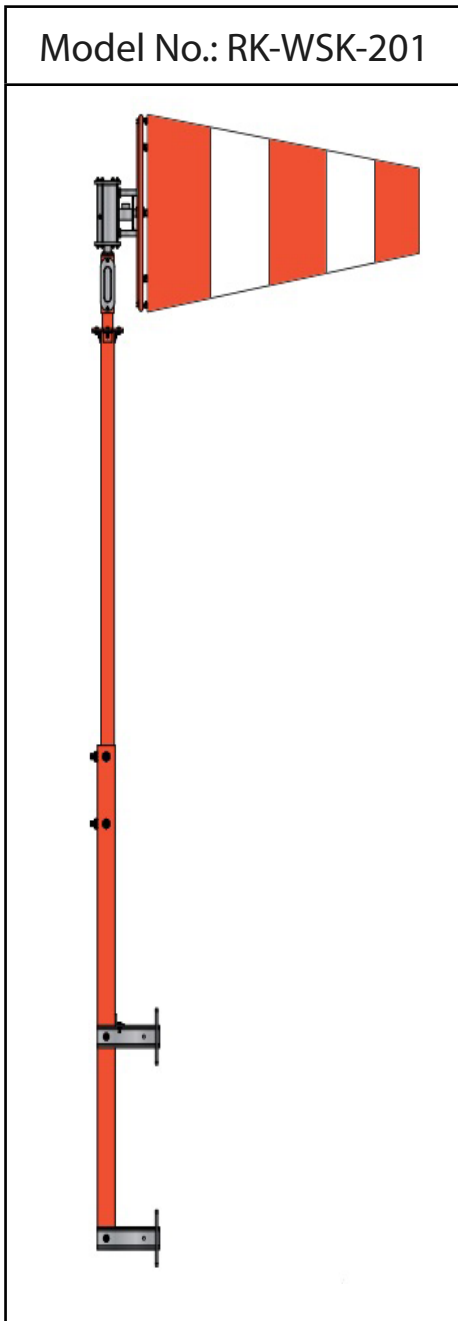


# General Type of Windsock

Windsocks are used in various industries. The goal is to give staff or other attendees a quick indication of where the wind is coming from and how hard the wind is blowing. The most commonly used location next to the runway or helipad at an airport. This allows pilots to quickly estimate the wind direction and speed before take off.

But they're also used in factories or industrial area's where hazardous gases or substances can be released. In the event of an emergency, attendees can quickly estimate which way the hazardous substances are being blown, in order to determine the best possible escape route.

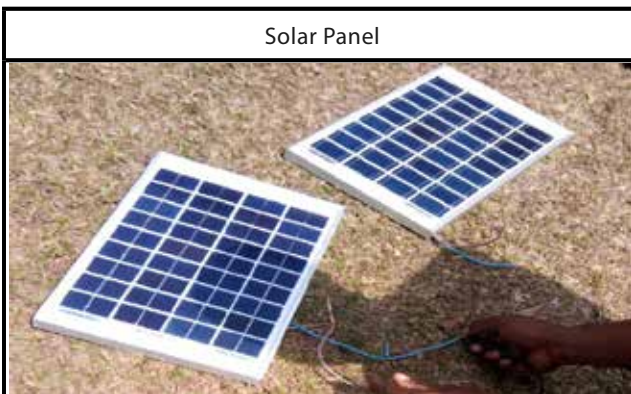
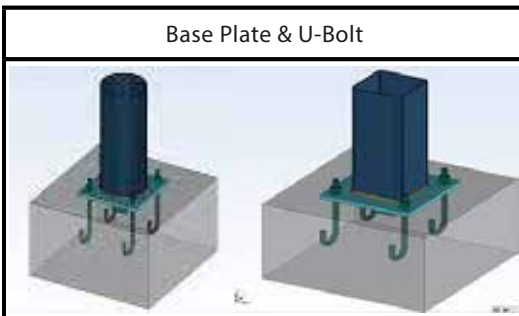
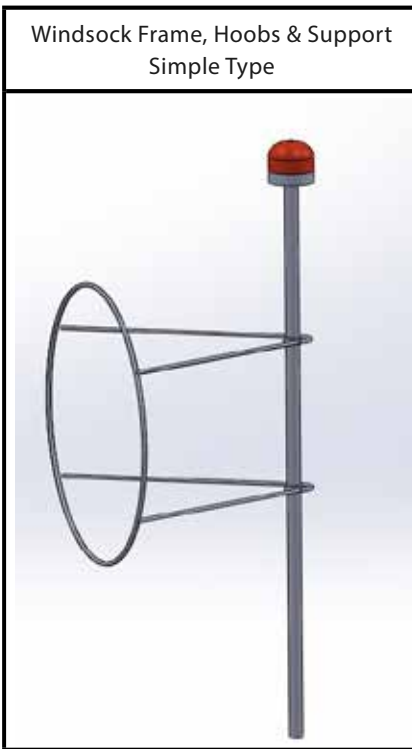
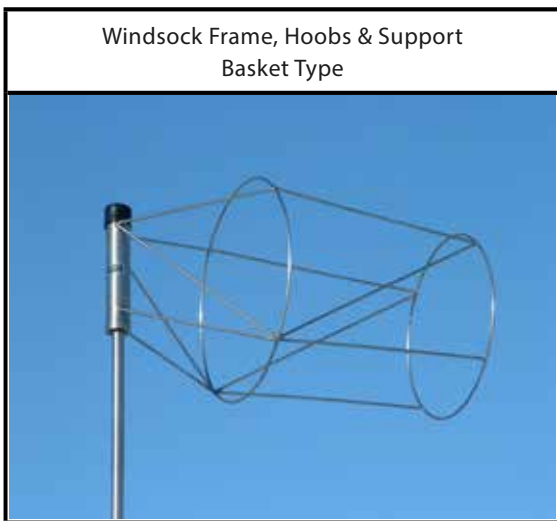
Arka Sanat Manufacturer many different types of Windsock with all accessoires as below:







# Accessories for Windsock



“A satisfied  
customer

is the best business  
strategy of all”





Every client is unique, every situation is different. Practices turn to Arka Sanat for lots of reasons. But, in most cases, it distills down to a single word: Trust.

- Trust in our experience.
- Trust in our solutions.
- Trust in our results.

## Contact Us

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