

PRODUCT DATA

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Product	Windsock - complete with fitting type C
Fitting type	C : Integral mouth ring, wire harness and swivel shackle
Material type	Polyester, 200gsm, with polyurethane coating
Rev 3.0	© Windsock Company Limited 2024



Windsock Company

About Windsock Company

Windsock Company specialise in the manufacture and supply of windsocks and associated equipment. Our windsocks are manufactured in the United Kingdom and sold throughout the world for use in a wide range of aviation, safety and industrial applications.

Windsock Applications

Aviation: Airports; aerodromes; private landing strips; helicopter landing platforms; air ambulance locations; parachute schools; microlight clubs.

Safety: Oil, gas and petrochemical industry; emergency planning equipment; power stations; water and sewage treatment works; ports and marinas; bridges and motorways; general weather observation.

Other: Windsocks can be used as an alternative form of advertising or decorative art feature with designs and logos applied.

Sizes

Our standard stock range of **C type** fitting windsocks are shown on page 3 and highlighted in orange. All other sizes and variations not highlighted and shown on pages 3 to 9 are made to order. Due to the requirements of global sourcing we manufacture windsocks in both imperial and metric dimensions - reflected in the many sizes shown on the following pages.

Fittings & Fixings

Our **C type** fitting comes complete with a harness and shackle. It consists of a stainless steel ring sewn into the mouth of the windsock. Four brass eyelets are used to attach a four way flexible stainless steel wire harness. Attached to the end of the harness is a stainless steel swivel shackle as shown in the pictures on the right. The swivel shackle is the most secure way of attaching a windsock to the rotating arm system at the top of your windsock mast.

The **C type** fitting is suitable for onshore, coastal and offshore applications where the equipment is being regularly exposed to harsh conditions.

Material

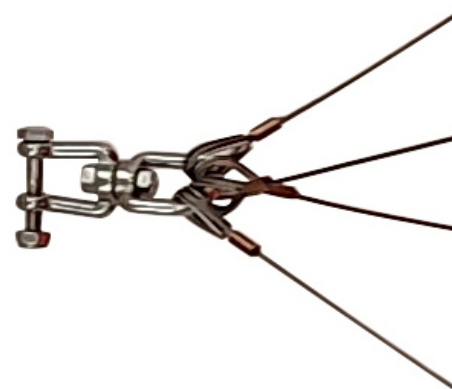
Our standard windsocks are made in durable **200 gsm** polyester with a polyurethane coating. Refer to page 2 for material specifications.

Colour

Our standard windsocks are high visibility, fluorescent orange. Other colours are available, for example orange and white and red and white.

Printing

Basic logos and words can be printed onto each side of the windsock



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Material Specification & Standards

Polyester, 200 gsm, with polyurethane coating

Fabric weight	:	200gsm +/- 5%
Composition	:	300f96 x 300f96 (21x20/cm) 300D Polyester Oxford
Finish	:	Dyed, PU coated and water resistant
Width	:	150cm – 180cm
Application	:	Industrial products, workwear, rain wear.

Physical properties

		Warp	Weft
Tensile Strength	(BS EN ISO 13934-1:2013)	1000 N	1000 N
Tear Strength	(BS EN ISO 4674-1:2016)	40 N	40 N
		As Received	After 5 Washes
Abrasion Resistance	(BS EN ISO 12947-2:2016)	NA	NA
Dimensional Stability	(BS EN ISO 6330)	<3%	<3%
Spray Rating	(BS EN ISO 4920:2012)	5	4
Water Vapour Resistance RET	(BS EN ISO 11092)	NA	NA
Water penetration resistance	(BS EN ISO 20811)	3000mm	1000mm

Colour Fastness

Light Fastness	(BS EN ISO 105-E16:2006)	>4	NA
Colour Fastness to Water	(BS EN ISO 105-E01:2013)	>4	NA
Perspiration Fastness	(BS EN ISO 105-E04)	>4	NA
Wash Fastness 40 deg	(BS EN ISO 105-C10:2006)	>4	NA
Rub Fastness Wet/Dry	(BS EN ISO 105-X12:1995)	>4	NA

Sewing thread

Polyester, glaze corespun, specification BSEN12590 – table 5, size NM36, breaking load 4.05 Kgs, construction 2 ply twisted spun cotton yarns sheathing 1100dtex, multi filament high tenacity polyester yarn.

Windsock components

Mouth ring	:	Stainless steel, grade 304
Wire harness	:	Stainless steel, grade 316
Swivel shackle	:	Stainless steel, grade 316
S hooks	:	Mild steel, zinc plated
Eyelets (grommets)	:	Brass

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IMPERIAL RANGE; DIMENSIONS IN FEET AND INCHES; COLOUR FLUORESCENT ORANGE

Conformity (numbers 1 to 6 are recommended minimum sizes therefore they can be larger and still comply)
1. ICAO Annex 14 Vol I; **2.** ICAO Annex 14 Vol II surface level heliports; **3.** ICAO Annex 14 Vol II elevated heliports and helidecks; **4.** CAP 1264; **5.** EASA CS-ADR-DSN; **6.** Defence Safety Authority MADS (issue 8); **7.** CAP 168

Popular sizes with stocked items highlighted				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance
WICA-024-009-005-AAP-AA	2 ft	9 ins	5 ins	
WICA-036-015-008-AAP-AA	3 ft	15 ins	8 ins	
WICA-048-015-008-AAP-AA	4 ft	15 ins	8 ins	3; 4
WICA-048-018-009-AAP-AA	4 ft	18 ins	9 ins	
WICA-060-015-008-AAP-AA	5 ft	15 ins	8 ins	
WICA-060-018-009-AAP-AA	5 ft	18 ins	9 ins	
WICA-072-018-009-AAP-AA	6 ft	18 ins	9 ins	
WICA-072-024-012-AAP-AA	6 ft	24 ins	12 ins	
WICA-084-018-009-AAP-AA	7 ft	18 ins	9 ins	
WICA-084-024-012-AAP-AA	7 ft	24 ins	12 ins	
WICA-096-018-009-AAP-AA	8 ft	18 ins	9 ins	
WICA-096-024-012-AAP-AA	8 ft	24 ins	12 ins	2
WICA-096-036-018-AAP-AA	8 ft	36 ins	18 ins	
WICA-108-024-012-AAP-AA	9 ft	24 ins	12 ins	
WICA-144-036-012-AAP-AA	12 ft	36 ins	12 ins	1; 5; 6; 7
WICA-144-036-018-AAP-AA	12 ft	36 ins	18 ins	1; 5; 6
WICA-168-036-018-AAP-AA	14 ft	36 ins	18 ins	
WICA-168-042-021-AAP-AA	14 ft	42 ins	21 ins	

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Popular sizes made to order				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance
WMCA-100-030-015-AAP-AA	100 cms	30 cms	15 cms	
WMCA-120-030-015-AAP-AA	120 cms	30 cms	15 cms	3; 4
WMCA-120-035-020-AAP-AA	120 cms	35 cms	20 cms	
WMCA-120-046-020-AAP-AA	120 cms	46 cms	20 cms	
WMCA-120-050-025-AAP-AA	120 cms	50 cms	25 cms	
WMCA-150-045-022-AAP-AA	150 cms	45 cms	22 cms	
WMCA-150-050-025-AAP-AA	150 cms	50 cms	25 cms	
WMCA-150-060-030-AAP-AA	150 cms	60 cms	30 cms	
WMCA-180-060-030-AAP-AA	180 cms	60 cms	30 cms	
WMCA-240-045-022-AAP-AA	240 cms	45 cms	22 cms	
WMCA-240-060-030-AAP-AA	240 cms	60 cms	30 cms	2
WMCA-300-070-035-AAP-AA	300 cms	70 cms	35 cms	
WMCA-360-090-030-AAP-AA	360 cms	90 cms	30 cms	1; 5; 6; 7
WMCA-360-090-045-AAP-AA	360 cms	90 cms	45 cms	1; 5; 6

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IMPERIAL RANGE; DIMENSIONS IN FEET AND INCHES; COLOUR FLUORESCENT ORANGE AND WHITE

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Popular sizes made to order				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance
WICA-036-015-008-AAS-AA	3 ft	15 ins	8 ins	
WICA-048-015-008-AAS-AA	4 ft	15 ins	8 ins	3; 4
WICA-048-018-009-AAS-AA	4 ft	18 ins	9 ins	
WICA-060-015-008-AAS-AA	5 ft	15 ins	8 ins	
WICA-060-018-009-AAS-AA	5 ft	18 ins	9 ins	
WICA-072-018-009-AAS-AA	6 ft	18 ins	9 ins	
WICA-072-024-012-AAS-AA	6 ft	24 ins	12 ins	
WICA-084-018-009-AAS-AA	7 ft	18 ins	9 ins	
WICA-084-024-012-AAS-AA	7 ft	24 ins	12 ins	
WICA-096-018-009-AAS-AA	8 ft	18 ins	9 ins	
WICA-096-024-012-AAS-AA	8 ft	24 ins	12 ins	2
WICA-096-036-018-AAS-AA	8 ft	36 ins	18 ins	
WICA-108-024-012-AAS-AA	9 ft	24 ins	12 ins	
WICA-144-036-012-AAS-AA	12ft	36 ins	12 ins	1; 5; 7
WICA-144-036-018-AAS-AA	12 ft	36 ins	18 ins	1; 5
WICA-168-036-018-AAS-AA	14 ft	36 ins	18 ins	
WICA-168-042-021-AAS-AA	14 ft	42 ins	21 ins	

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WMCA-100-030-015-AAS-AA	100 cms	30 cms	15 cms	
WMCA-120-030-015-AAS-AA	120 cms	30 cms	15 cms	3; 4
WMCA-120-035-020-AAS-AA	120 cms	35 cms	20 cms	
WMCA-120-046-020-AAS-AA	120 cms	46 cms	20 cms	
WMCA-120-050-025-AAS-AA	120 cms	50 cms	25 cms	
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WMCA-150-060-030-AAS-AA	150 cms	60 cms	30 cms	
WMCA-180-060-030-AAS-AA	180 cms	60 cms	30 cms	
WMCA-240-045-022-AAS-AA	240 cms	45 cms	22 cms	
WMCA-240-060-030-AAS-AA	240 cms	60 cms	30 cms	2
WMCA-300-070-035-AAS-AA	300 cms	70 cms	35 cms	
WMCA-360-090-030-AAS-AA	360 cms	90 cms	30 cms	1; 5; 7
WMCA-360-090-045-AAS-AA	360 cms	90 cms	45 cms	1; 5

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WMCA-180-060-030-ACS-AA	180 cms	60 cms	30 cms	
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WMCA-240-060-030-ACS-AA	240 cms	60 cms	30 cms	2
WMCA-300-070-035-ACS-AA	300 cms	70 cms	35 cms	
WMCA-360-090-030-ACS-AA	360 cms	90 cms	30 cms	1; 5; 7
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WINDSOCKS TO YOUR SPECIFICATION

If you require a windsock fitted with a four way flexible stainless steel wire harness that is not listed in the above pages then our product code system enables us to create a part number for it and show it in the table below.

For items that are custom printed with names or logos the product code will end with letter B



Custom sizes made to order - colour fluorescent orange				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance



Custom sizes made to order - colour fluorescent orange and white				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance



Custom sizes made to order - colour red and white				
Part number	Windsock length (L)	Mouth diameter (MD)	Tail diameter (TD)	Conformance