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WINDSOCK Manufacturers

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Detailed Materials specification as used in Flyrite Windsocks.

Fabric:	300 Denier Textured Polyester High Visibility warning fabric for professional use. Orange. PU (Polyurethane) reinforced.
Weave:	Oxford
Quality No.:	P200
Colour Specification:	EN471:2003 (High visibility spec.)
Coated Weight:	200 grams per square metre +/- 5%
Uncoated Weight:	150 grams per square metre +/- 5%
Tensile Strength:	Warp 1423N. Weft 1328N
Tear Strength:	Warp 88N. Weft 87N
Water Resistance:	EN343
Protection against rain:	EN343 Clause4.2 Class 3
Hooks:	High Grade 316 (A4) stainless steel. Can be used in coastal salt water environments.
Hoops:	Acetal - Chemical name: Polyoxymethylene (Copolymer) (A complete technical specification sheet is available on request)
Working Temp:	-70˚C to +100˚C.
Main Characteristics:	Strong, Rigid and Tough with Good Sliding Properties. Resistant to hot water, dilute acids, cleaning agents and numerous solvents.
Applications:	Friction Bearings, Gears, Rollers, Friction strips and Seals etc.
Adhesives:	3M DP-8005. (Used to bond windsock hoops for use in more hostile environ ments). Scotch-Weld™ DP-8005 is a solvent free, two-part, acrylic based, structural plastic adhesive designed to structurally bond Polyolefins to themselves and many other substrates. It has very good chemical resistance and its maximum continuous service temperature should be kept under 100˚C. (A complete data sheet is available on request). Bondloc B401 is used for UK applications.
Ropes:	Multi-strand Polyester 8 plat construction, designed for marine applications.
Breaking load:	300 kg
Main Characteristics:	Good chemical resistance. Resistant to numerous solvents and good tolerance to extremes of temperature.

More detailed specification sheets are available on request as stated above.

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