

Rope, polypropylene, black, 8mm twisted

Visión general

Specifications		
Item code	410000072	
Unit weight	N/A	

Ropes can be made from various types of material, properties of some of the most common materials are summarised below. This page provides specifications only for the polypropylene ropes, although these may not be the best choice in every situation as described below.

	Natural fibre	Polypropylene	Nylon/polyester
Strength	-	+	++
UV Resistance	+++	-	+
Elasticity	+	++	++++
Wear Resistance	+	+	++
Resistance to rot	-	++++	++++
Cost	Cheap	Average	Expensive

Below is the specification of rope used with plastic sheeting, as part of IOM prepositioned kits.

Choose the material according to the use:

• Polypropylene is commonly available and of average cost, it serves general purposes. Very sensitive to UV. Dark colour ropes, in particular black, resist UV far more than light colour ropes.

Standard minimum breaking strength, and in brackets the limit of use:

• Polypropylene: 6mm/590kg (200kg) - 8mm/1040 kg (350kg) - 14mm/2990kg (1000kg)

Black ropes are recommended for outdoors long-term use, for their resistance to UV. Large quantities are normally purchased per weight instead of length. Nevertheless, a minimum length should also be indicated in the contract.

Descripción

Rope - Polypropylene - Twisted 8mm diameter

Diameter	8mm +/- 0.5mm
Length	15m +/-0.150mm
Weight	n/a
Number of strands	3 minimum

Rope - Polypropylene - Twisted 8mm diameter		
Туре	Twisted	
Material	Polypropylene, no recycled fibres, UV stabilized	
Colour	Black	
Tensile strength	350 kg (1,040kg breaking strength)	
Marking	With a permanent label, showing: Type of rope, material, manufacturer, length, tensile strength, standard of reference, inspection certificate reference.	
Standard	Specifications should conform to ISO9554	
Packing Detail	Items to be packed in bales of 30 units of 15m each. Bales to be strapped with two straps on each side. Each unit of 15m rope to be coiled and secured using ties using a paper tape sufficient enough to handle multiple handlings, and are not individually wrapped to avoid the use of unnecessary single-use plastics.	

Rope - Polypropylene - Twisted 8mm diameter

Consideraciones clave

Acceptable Quality Limits (AQL)

Vercentify the second	International Organization for Migration (IOM) The UN Migration Agency	AQL Definitions, penalties, Corrective Action Plan and Quality Control rules.	IOMQC-AQL S00V8 Ver8.0 04.02.2022
Wajor nonconformity: Any discrepancy which makes the use of the product less efficient than expected is considered to be major. Lots with Major discrepancies can be accepted. Winor nonconformity: Any discrepancy which does not have an influence on the performance of the product is considered to be minor. Lots with Major discrepancies can be accepted. Non-Conformities classification and related penalties: Corrective action plan must be implemented by the vendor on its processes, addressing root causes of occurrence (production) and of non- classification of the nonconformity (QC). Criticat: (AQL 0) Wonconforming characteristic (number of nonconforming items ≥ Rejection number. ISO-2859-1) implies a penalty of 10% of the value of the total PO per each critical non-conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM. Major: (AQL 4.0) Wonconforming characteristic (number of nonconforming items ≥ Rejection number. ISO-2859-1) implies 0.5% penalty of the value of the total PO per each minor non- conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM. Winor: (AQL 6.5) "Anoconforming characteristic (number of nonconforming items ≥ Rejection number. ISO-2859-1) implies 0.25% penalty of the value of the total PO per each minor non- conformity to be charged to the supplier. Determination of lot acceptability is to be decided by IOM. Cuality Control and Acceptance Quality Level - The AUS I strent from from from 50, 2859-1 international Strategraphics, or both. Transport to laboratory and analysis cost for lab lesting are- spreme of		ation: Critical: C; Major: M; Minor: m	
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Referencias y Herramientas

• Rope, polypropylene, black, 8mm twisted - AQL

Otras entradas en este tema

• Emergency Relief Items Catalogue

Contactos

For further information, contact sheltersupport@iom.int.

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