

DIRECTA

ESSENTIALS FOR INDUSTRY

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TECHNICAL DATA SHEET

PRODUCT: Our Reference: 07101AITU

DESCRIPTION: Banding Tape

TECHNICAL DETAILS: 071 Polypropylene Banding Tape is used where awkward shaped large consignments need to be secured to pallets etc., for ease of handling.

Width	12	-0.1 -0.6
Thickness	0.55	-0.01 -0.06
Breaking- strain in N	1'350	min
Weight per meter	3.20gr.	
Colour	Black	
Elongation	21%	Measurement Method
Meter per coil	2'000	+/-5%
Curve	150mm/2.40m	max.
Core	Plastic Reel	
Pallet	85/125	60 coils single packed

Except where indicated otherwise, the above figures are average values and should not be regarded as maximum or minimum values for specification purposes. The company reserves the right to improve products and change specification, which may alter performance. We advise the customer to test the material required to ensure the suitability of intended application

HEALTH & SAFETY

Toxicity and Reactiveness:

Polypropylene is chemically unreactive and is generally regarded as being biologically inert. Polypropylene is frequently used in food packaging applications including blow moulded bottles and microwave trays. However some colour pigments can be harmful so ingestion is not recommended.

Physical Contact:

Polypropylene strapping is not considered a skin irritant but, being fairly hard can have an abrasive effect on the skin.

Fume Evolution:

There is no evolution of fumes at ambient temperatures.

Storage and Handling:

Polypropylene strap does not present any unusual hazard in handling and is stable under normal handling conditions. However it should be stored in a no smoking area away from naked flames or sources of extreme heat.

Flammability:

When Polypropylene is heated in air, melting will occur at 165- 170 deg. C and decomposition will commence at about 300 deg. C with the release of volatile low molecular weight hydrocarbons. Self ignition occurs at about 380 deg. C. Once alight, burning will continue with a flame even when the ignition source is removed. The main decomposition products are H₂O and CO₂. When burnt with reduced oxygen, carbon monoxide is also produced which is toxic. Like many organic materials wood, paper and other oil by products, Polypropylene can also produce a considerable number of decomposition products normally in very low concentrations. These can include certain aldehydes and acrolein. The decomposition trace elements are irritant and lachrymatory. The irritation is a good warning of excessive exposure. In small quantities such as those developed in a strapping machine sealing head, the fumes should be extracted or dispersed into a large volume of air.

Disposal:

Controlled Thermodestruction is recommended.

IMPORTANT NOTE:

Loops of strapping made by the end user, can be a dangerous trip hazard. Loops should always be cut or peeled at the weld, when removed from the package. Waste should be disposed of properly and not left on the floor. The information provided is for guidance purpose only and no responsibility is accepted for the results obtained therefrom. This information is based on current knowledge and experience. Its purpose is to describe our tapes in terms of Health and Safety requirements and should not be treated as a specification.