

PRODUCT SPECIFICATION

PRODUCT:

Cable Protection Covers

GENERAL INFORMATION

This Product Specification describes the properties of Tapex Industrial Cable Protection Covers, which are used for mechanical protection of underground services.

Reference Documents

The following documents are referred to in this standard:

- AS/NZS ISO 9001 Quality Management Standard
- AS 4702 Polymeric cable protection covers

Identification

Product label provides product traceability on the cable cover product range.

Supply

Each standard pallet of finished cable covers shall be protected against contamination, moisture and physical damage during transport, handling and storage.

Tapex Industrial pallets meet the requirements of AS 4068 Flat pallets for material handling.

Timber pallets are free of bark, as part of our biosecurity management practices.

Packing material is free of straw, cereal, rice hulls and other unprocessed plant as part of our biosecurity management practices.

Packing material shall be non-corrosive, non-toxic and recyclable to meet environmental principles.

PRODUCT DETAILS

The application of AS 4702 -2000 Polymeric cable protection covers states "provide increased protection for underground cables and enclosures against accident mechanical damage and serve as a physical barrier as well a visual warning of the presence of electrical cables."

Our products are marked with lettering to identify the service and for purposes of providing a warning. Our warning message exceeds the minimum size for lettering as required for AS 4702:2000 Polymeric cable protection covers.

Information contained in this data sheet is subject to change at the discretion of Tapex Industrial Pty Ltd. Values provided are nominal values only except where specified.

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CABLE PROTECTION COVERS (COMPLIES TO AUSTRALIAN STANDARD POLYMERIC CABLE PROTECTION COVERS AS 4702-2000)

CODE	PRODUCT DESCRIPTION	COLOUR	SIZE	UNIT MEASURE	UNIT WEIGHT	UNITS PER PALLET
TAP15020	AS4702 Elec Cable Cover 150mm x 20m	Orange/Black	150mm x 20m	roll	19kg	30
TAP20020	AS4702 Elec Cable Cover 200mm x 20m	Orange/Black	200mm x 20m	roll	25kg	25
TAP30020	AS4702 Elec Cable Cover 300mm x 20m	Orange/Black	300mm x 20m	roll	38kg	15
TAP150150	AS4702 Elec Cable Cover 150mm X 150m	Orange/Black	150mm x 150m	ea	112kg	5
TAP200150	AS4702 Elec Cable Cover 200mm X 150m	Orange/Black	200mm x 150m	ea	148kg	5
TAP300150	AS4702 Elec Cable Cover 300mm X 150m	Orange/Black	300mm x 150m	ea	222kg	3
TAP450150	AS4702 Elec Cable Cover 450mm X 150m	Orange/Black	450mm x 150m	ea	335kg	2
TAP20015GAS	AS4702 Gas Cable Cover 200mm X 15m	Yellow/Black	200mm x 15m	roll	17kg	25

TECHNICAL SPECIFICATION

Tapex Industrial Cable Protection Covers are constructed from polyethylene (PE). They are PVC (Polyvinylchloride) free, PS (Polystyrene) free and Latex free.

Material Properties of Polyethylene (PE)

Specific Gravity	0.95 g/cm ³
Thermal Resistant	-40 °c to 100 °c
Reaction to heat	<ul style="list-style-type: none"> • Soften between 115 °c to 126 °c • Melts between approx 124 °c and 138 °c
Insulating	Non-conductive
Non-toxic	Environmentally friendly
Strength	Dry strength equal to wet strength
Environments to which the product is resistant	<ul style="list-style-type: none"> • Moisture and water (including saltwater) • Most acids and alkalis, cold alcohols, ethers, esters, ketones, most bleaching solutions • Bacteria and fungi

Description of Test	Thickness	Criteria of Acceptance
Penetration Test	3.0mm	No breaks or cracking > 50 mm of penetration
	5.5mm	No breaks or cracking < 50 mm of penetration

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Tapex Industrial Cable Protection Covers are inert in the environment. They float on water and are not biodegradable. They are not bioconcentrate (accumulate in the food chain) due to their high molecular weight. Tapex cable covers do not support micro-biological attack. Tapex Industrial Cable Protection Covers do not attract macro-biological attack. Tapex Industrial Cable Protection Covers are not toxic if ingested and products are unable to be ingested by waterfowl or aquatic life.

QUALITY ASSURANCE

Tapex Industrial Pty Ltd is using AS/NZS ISO 9001:2008 as its criterion to ensure total cover for the Tapex Industrial range of products.

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