

Technical Data

PRODUCT INFORMATION

IF Grade PVC Electrical Insulation Tape

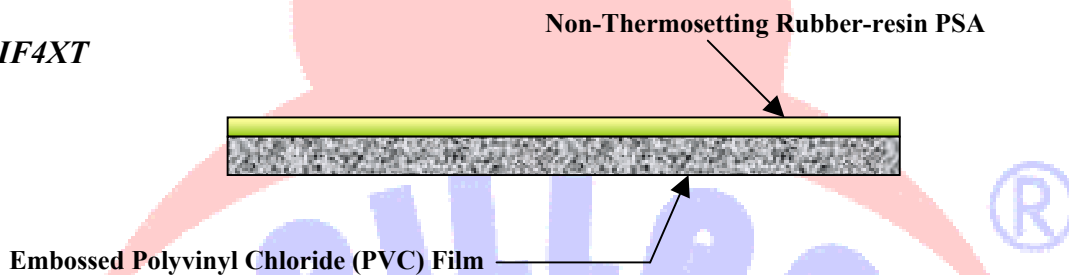
Product Code: IF4X and IF4XT

Description : IF4X and IF4XT is a premium grade *lead free* plasticized polyvinyl chloride (PVC) film, coated with an aggressive non-thermosetting rubber-resin adhesive with good aging characteristics. Designed to be highly conformable and unaffected by moisture and most chemicals. No flagging or deterioration evens under temperature at 80°C, such as car's engine compartment.

Application : Specially designed for **wire harness** used in automotive industry, as well as applications for electrical insulation.

Construction :

IF4X / IF4XT



Technical Details:

<u>Properties</u>	<u>Unit</u>	<u>Four Pillars Specification</u>	<u>Average Test Values</u>
Total Thickness	mm±10%	0.11	0.105
Tensile Strength	kg/25mm	4.00	4.20
Elongation	%	100	160
Adhesion to Steel	kg/25mm	0.35	0.64
Adhesion to Backing	kg/25mm	0.30	0.61
Unwinding Force	g/19mm	250 ~ 550	380
Dielectric Breakdown	Kv	4.0	6.5

Testing Method : In accordance with ASTM D-1000.

Important Notice To Purchaser

All statements technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacture.



FOUR PILLARS (M)SDN BHD (Reg. No: 205107-M)

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Appearance : The tape before used shall comply with the following appearance properties :

Properties	Test Method	Standard
Deformation	Visual	The shape of the tape shall not deform. Eg : Gearing, gapping or telescoping.
Telescoping	Visual	Not more than 2mm.
Adhesive	Visual	The adhesive shall remain stable, no oozing from the side of the roll.
Peeling-off	Visual	No transfer of adhesive shall occur after removing from the backing.
Edge of Tape	Visual	Both side of the tape shall remain flat and no cracking.
Smoothness	Visual	Surface of the tape shall be smooth and no foreign particles.

Color : Matte Black.

Shelf Life : 12 months when storage in original packaging at 73°F and 65% relative humidity.

Availability : Standard 20m (22yrd) and 25m (27yrd) that rewind on 32mm (1.3”) id. core. Maximum width 1240mm (49”)
Any cutting width greater or equal to 5mm is available as per customer’s requisition.

- Packing Method:**
- (1). Each roll packed with a release separator in between.
 - (2). Various rolls of tape would be packed in a tube depending on the cutting width of the roll, and each tube wrap with a transparent plastic film with two end sealed with transparent adhesive tape.
 - (3). Pack various tube of tapes in a corrugated carton and sealed with transparent adhesive tape. The actual packed quantity would be depending on the cutting width of the roll.
 - (4). A sticker for identification purpose would be pasted on each tube and outside of each carton to indicate the content of a tube and a carton respectively.

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