

Windmill 202
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DESCRIPTION

Windmill -202 is a synthetic butyl rubber based vacuum bag sealant tape that has been designed to be used at elevated temperature up to 120°C

KEY FEATURES

Good adhesion to a wide range of substrates.

Good adhesion to metal and composite tools, and to bagging films.

Highly conformable.

Easy and accurate to use with little waste and no mess.

Remains flexible throughout its service life.

Slightly cures at elevated temperature.

USES

For vacuum bag moulding, to bond the bagging film to the mould

Sealer for Infusion moulding process up to 120°C

PERFORMANCE

PROPERTIES	UNIT	SPECIFICATION	TEST METHOD
Appearance	-	Roll form	TT - 01
Colour	-	Black	TT - 02
Base material	-	Synthetic rubber	--
Specific gravity at 30°C	g/cc	1.60 -1.80	TT - 05
Needle Penetration at 30°C	1/10 th mm	45 - 60	TT - 08
Nonvolatile content at 105±2°C for 3hrs	%	Min 99	TT - 09
Heat aging at 120±2°C for 3hrs	--	No surface crack, No slipup	TT - 17
Shear strength at RT mould - flim	Kg/cm2	Min. 0.3	TT - 06
Tackiness by rolling ball method	mm	20-30	TT - 42

❖ TT- TALON TEST METHOD

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APPLICATION

- ❖ Application temperature range: 10 °C to 40 °C
- ❖ Elevated Temperature up to 120°C
- ❖ **Storage conditions:** Store in a cool and dry place at the original packing (Flat position always)
- ❖ **Self-life:** 12months

INSTRUCTION

- **Surface preparation:** All surfaces should be clean, dry, and free from frost, grease, and loose materials. When cleaning contaminated substrates, our recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the butyl tape.
- **Application:** Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer another surface to the sealant and push firmly to seal across the joint.

STD PACKING

Rectangular Section:

3mm x 12mm x 15m – 20rolls

Note: According to the customer requirement the packing will varied.

TOLERANCES

Rectangular Section:

Thickness: ± 10%

Width: Width: ± 10%

Dia sections:

Dia ± 10%

GENERAL

Windmill- 202 butyl tape is part of a range of butyl products for the vacuum forming industry. .. For further information, please contact our Marketing Team or visit our website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.