

Technical Data Sheet: MONTA RETEC 831

Status: 06/2023

monta reTec 831 is a sustainable adhesive tape for multiple applications and ensures the reliable, permanent closure of medium heavy to heavy cartons. Its resource conserving BOPP carrier consists of $\geq 99\%$ reprocessed polypropylene. Because of the backside coating this adhesive tape is easy to unwind and therefore also ideal for the application with packaging machines. If stored and applied correctly, the adhesive tape secures the permanent carton closure even in deep-freeze conditions.



PROPERTIES

- / high tensile strength in longitudinal and cross direction
- / high immediate tack and adhesion on various surfaces
- / easy to unwind
- / resistant to diluted acids and alkalies
- / temperature resistant: after application at room temperature from approx. -30°C up to $+130^{\circ}\text{C}$ short term
- / suitable for recycling processes
- / carbon neutral

TECHNICAL DATA	METRIC		IMPERIAL	
Backing	BOPP from $\geq 99\%$ reprocessed PP			
Adhesive	Natural Rubber			
Colour	transparent			
Tensile force	N/25mm N/cm	min. 100 min. 40.2	lb/in	min. 23
Backing thickness	μ	28	mil	1.1
Adhesive strength on steel	cN/25mm N/cm	500 2	oz/in	18.4
Core Diameter	mm	76	in	3

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The values given are typical values, and do not constitute a specification. We recommend testing the suitability of the self-adhesive tape for the designated application or use.

PRODUCT FEATURES

The more stars the more distinct the listed product feature:

Low noise	*	Resistant to diluted acids and alkalies	*
Tensile strength (breaking load)	***	Resistant to humidity	*
Immediate tack	***	Elongation	*
Adhesion (to steel)	***	Removeable residue-free (test before use!)	-
For smooth surfaces	**	UV and aging resistant	-
For different surfaces	**	Die cutting	*
For challenging surfaces	**	Manual rolls	***
for delicate surfaces	-	Machine rolls	***
Easy and smooth unwinding	***	Carton sealing (carton weight)	***
Printable (** directly / * with primer release)	-	Green line	*
Low temperature	**	Suitable for food contact	-
High temperature	***	OK COMPOST INDUSTRIAL certified	-
Thermoformable	-	carbon neutral	*