THE COMPOSITE STORE

TECHNICAL DATA SHEET

PRODUCT TECHNICAL INFORMATION

tesa® 4024 PV4 – Brown Packaging Tape

SILENT BOPP CARTON SEALING TAPE · WATER-BASED ACRYLIC ADHESIVE

PRODUCT	tesa® 4024 PV4	**COLOUR**	Brown / chamois
BACKING	PP film (BOPP)	**ADHESIVE**	Water-based acrylic
THICKNESS	50 µm	**USE**	Cartons up to 15 kg

DESCRIPTION

tesa® 4024 PV4 is a reliable universal carton-sealing tape designed for light and medium-weight cartons up to 15 kg. It combines a premium polypropylene backing with a high-tack water-based acrylic adhesive. The balanced tack and shear resistance provide secure sealing immediately after application.

KEY FEATURES

- Smooth, low-noise unwinding.
- Increased tear resistance and good immediate adhesion.
- Excellent ageing resistance.
- Suitable for demanding environmental conditions.
- Acrylic adhesive with 65% bio-based content according to the mass balance approach.

TECHNICAL DATA

PROPERTY	VALUE
Backing material	PP film
Adhesive type	Water-based acrylic
Bio-based adhesive content	65%
Total thickness	50 µm
Elongation at break	140%
Tensile strength	45 N/cm
Adhesion to steel	2.5 N/cm
Recommended packaging weight	Up to 15 kg
Manual application	Yes
Automatic application	Yes
Silent unwinding	Yes
Transport information	0–70 °C

TYPICAL APPLICATIONS

Manual or automatic sealing of light and medium-weight cardboard cartons for general packaging, order preparation, warehouse and shipping applications.

Document note: English technical adaptation for The Composite Store based on official tesa® 4024 PV4 Next Generation product information updated in 2026. Values are representative or typical and should not be used for specification purposes.