

Materials For In-Vitro Diagnostics



Conjugate Release Pad

Conjugate release pad is critical to assay performance. The synthetic pad must dry the conjugate without damage and release the conjugate rapidly when the analyte flows to the pad.



Axiflow Conjugate Pad wets rapidly and ensures high-level of conjugate release. The consistent thickness and wicking rate of our conjugate pad allows reproducibility of the assay across lots. Using our will help you maintain a low reagent cost throughout the product life-cycle.

Key Properties

- **Uniform Wicking:** Ensures uniform wetting & flow of gold conjugate
- **Uniform thickness:** Ensures reproducibility of test kit
- **High-purity polyester material:** Almost-universal chemical compatibility and no leaching
- **High conjugate release:** Reduction in reagent costs and higher control line intensity
- **Pre-treated options:** Cost-effective solution with consistent treatment for your process optimization
- **High tensile strength:** Compatible with reel-to-reel equipment



Technical Properties

Cat No.	Material	Basis Weight (g/m ²)	Thickness (mm)	Wicking Rate (s/4 cm)	Water Absorption (mg/cm ²)
16610	Untreated Polyester	70	0.30	—	—
16610T01	Treated Polyester	70	0.30	85	—
16613	Untreated Polyester	100	0.42	—	—
16613T01	Treated Polyester	100	0.42	30	14.6
16615	Untreated Polyester	135	0.53	—	—
16615T01	Treated Polyester	135	0.53	30	27.6

Recent Innovation

16613N	Untreated Polyester	100	0.40	—	—
16613NT01	Treated Polyester	100	0.40	25	19.3

We continue to engage with clients & experts and develop improved solutions for you. Our new solution 16613N offers industry-best uniformity for critical applications.

Ordering information

Dimensions of the conjugate pad are custom-slit based on client's requirement.
Order is to be placed in the following format:

Cat. No.	Sheet Length (mm)	Sheet Width (mm)	Quantity
16600	Please specify desired length	Please specify desired width	Please specify desired quantity

Example: 16613, 200 mm X 150 meter, 5 Nos.



Technical Support

For technical assistance, please write to us at jatin@axiflow.co.in
or visit our website www.axiflow.co.in



Order

For order & product enquiry
please call us at +91-9311862930
or +91-9311862929
or write to us at jatin@axiflow.co.in

For more information, visit us at www.axiflow.co.in

Axiflow Biotech Private Limited

Regd. Off.: Unit No. 500, 5th Floor, ITL Twin Tower,

Plot No. B-9, Netaji Subhash Place, Pitampura, Delhi-110034 (India)

Factory : Plot No. 328, EHTP, HSIIDC, Sector-56, Phase-5, Kundli-131028, Sonapat, Haryana (India)

Ph.: 91-11-40578223,24,25,26

www.axiflow.co.in