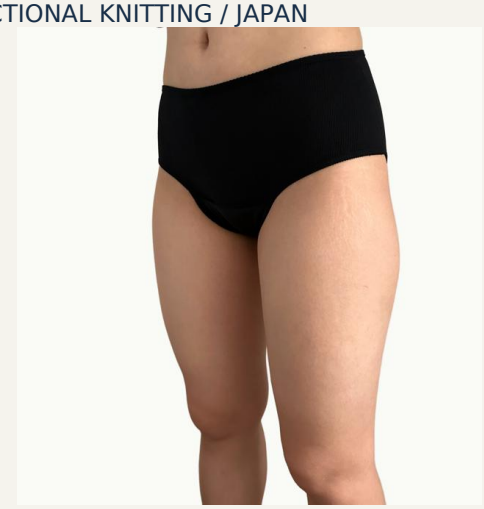
project15

FUNCTIONAL KNITTING / JAPAN



Absorbent function.
Knitted into the garment.

Integrally knitted absorbent underwear for co-development, OEM / ODM and technology licensing.

No independent absorbent pad is used.

The garment and functional absorbent zones are formed in one continuous knitting process. No separately manufactured pad is sewn, bonded or ultrasonically welded into place.

THE STRUCTURAL DIFFERENCE

Integrated construction

Functional layers are knitted directly into the garment, rather than attached as a separate absorbent gusset.

Targeted functionality

Multilayer zones are positioned for absorption, distribution, retention and leak protection.

Partner-specific design

Explore coverage, fit, materials and absorbency targets for your intended users and market.

EVIDENCE WITH DEFINED CONDITIONS

70 mL

No seepage observed through 70 mL in an independent water-based test.

Before washing: water applied in 10 mL increments to the centre of the absorbent zone, with a one-minute hold after each application. Seepage was observed at 80 mL. This is not a verified menstrual-fluid capacity or a real-world wear claim.

Quality Test Report No. 26-TK-608538-00 / 9 September 2026

START WITH A SAMPLE REVIEW

Global companies: innovation and R&D evaluation.
Independent brands: co-development of a differentiated product.
OEM manufacturers: production feasibility, licensing and engineering support.

Comfort, reduced bulk and durability are development goals. Further evaluation can be defined with each partner. Japanese Patent No. 7899486; licensing scope subject to agreement.

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