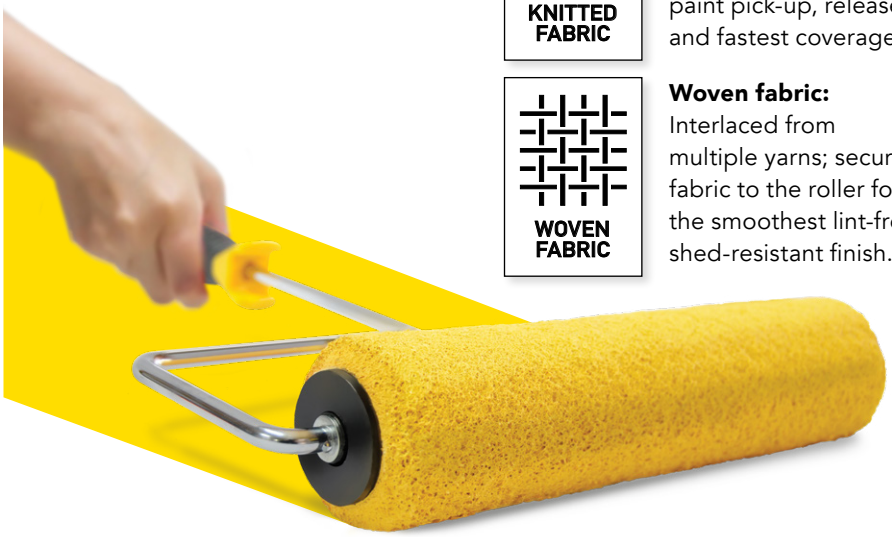
COMPONENTS OF A ROLLER COVER

KNIT OR WOVEN

The common differences between knitted fabric and woven.



Knitted fabric: Inter-looped from a single yarn; resulting in more flex, for excellent paint pick-up, release and fastest coverage.

Woven fabric: Interlaced from multiple yarns; secured fabric to the roller for the smoothest lint-free, shed-resistant finish.

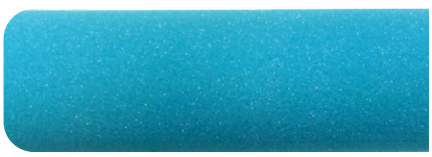
FABRIC TYPES

The choice of roller cover fabric depends on which paint or coating you are using and the surface you are painting.

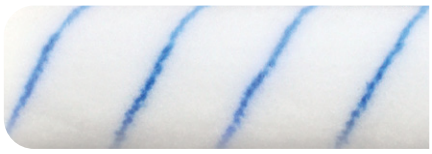
Polyester Is a cost effective fabric that is ideal for painting walls and ceilings. **Highlight:** Yellow lint-free fabric, thermal fusion core.

Mohair is a cost efficient fabric for painting tables, doors, and floors with oil/water-based paints, stains, polyurethanes and varnish. **Highlight:** Smooth satin/semi-gloss.

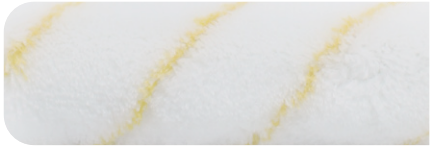
High density foam is the ideal choice for painting cupboards, smooth surfaces, furniture, and metal surfaces with oil/water-based paints and varnish. **Highlight:** Ultra-smooth, seamless finish.



Woven nylon is a Trade quality fabric ideal for industrial applications requiring epoxy resins, marine, anti-fouling coatings. **Highlight:** Epoxy bonded core and woven nylon withstands most industrial coatings and solvents.



Acrylic synthetic fabric is an all-rounder synthetic fabric ideal for painting plasterboard, MDF/plywood, inside closets, weatherboards and renders with flat and low sheen oil/water-based paints. **Highlight:** Suitable for most painting jobs, thermal fusion core.



Unifiber woven fabric is ideal for use on smooth surfaces, and is suitable for use with acrylic/enamel paints and stains. **Highlight:** Shed-resistant fabric, thermal fusion core.

Micro-Fibre is the most popular fabric on the market due to its paint pick-up and release properties, ultra-smooth finish, and overall value for money efficiency. Highlight: Suitable for use with flat and low sheen paints for the most common painting jobs to achieve an ultra- smooth, lint-free finish.

Sheep Skin rollers are the best rollers money can buy. Made from 100% pure Australian sheepskin, it is highly resilient for long-life with superior paint pick-up and release. **Highlight:** Thick 6-ply phenolic cardboard core, centrally stitched and epoxy glued; ensure this premium roller range is manufactured to outperform all synthetic rollers.

Textured roller covers are perfect for granular paint finishes, textured coating, and decorative effects. **Highlight:** Best for walls and smooth surfaces. Solvent resistant core.

Corrugated roller cover is perfect for use on corrugated metal surfaces, and is suitable for use with most water & oil-based roofing & metal paints. **Highlight:** Super fast and efficient painting of corrugated surfaces.

NAP LENGTHS

The nap is the length of the fabric from the core of the roller. Selecting a nap length depends on the surface you are painting. Always refer to the instructions on the packaging to get the best results.

Which nap length do I use?

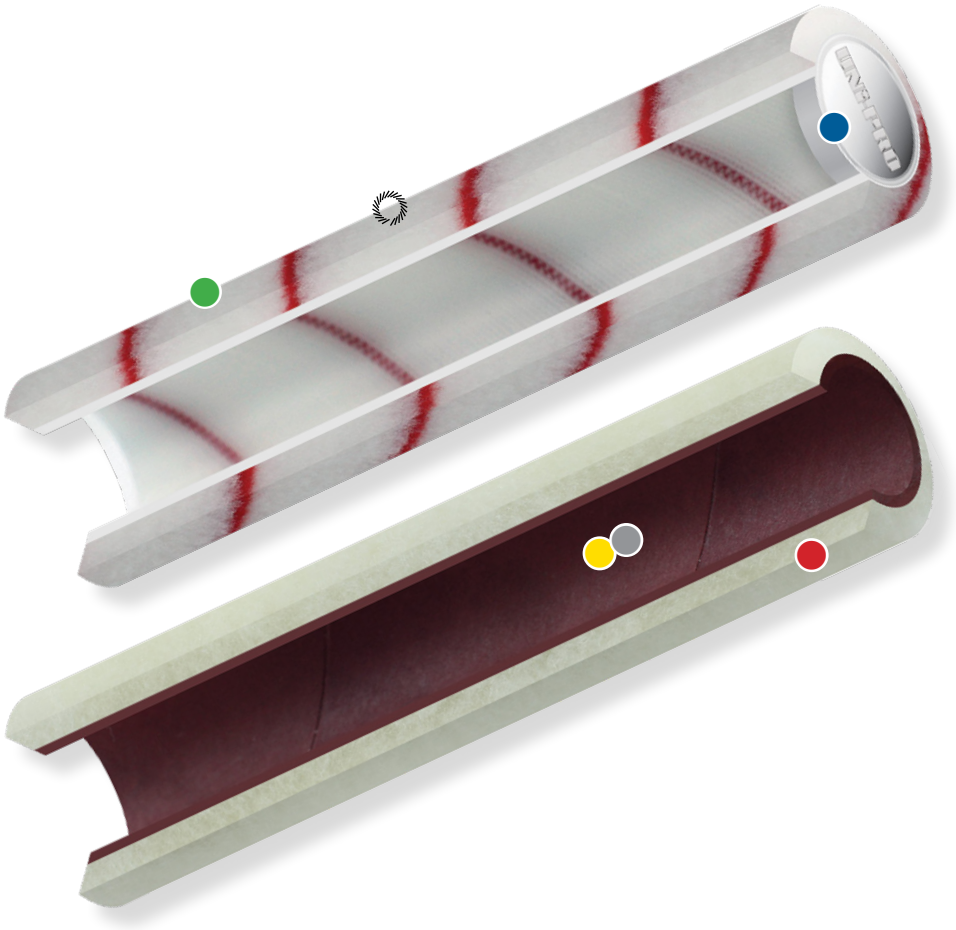
Extra Short 4-5mm nap is ideal for painting doors, cupboards, and tables.

Short/medium 10-12mm nap is ideal for painting walls, ceilings, and large surface areas.

Medium 15mm map is ideal for painting walls, ceiling and render. Holds more paint than the 10-12mm naps; however, is heavier when loaded.

Long 20mm nap is ideal for painting walls, ceilings, textured surfaces, stucco, and besser blocks.

Extra long 30mm nap is ideal for painting rough textured surfaces, render, timber, and fences.



END CAPS

End caps are designed to stop paint spills, and is commonly featured on roller cover sizes 75mm to 270mm.

CORE ADHESIONS

Thermal Fusion is a process in which the Polypropylene core is passed through a source of heat (flame), causing the fibres crossover points to melt before the fabric is applied. This process gives the structure and material a stronger bond with extra solvent resistance. The thermal fusion core is a featured standard on our Polyester, Unifiber, and Micro-fibre roller covers.

Epoxy glue Is an industrial strength glue that forms a very strong chemical bond between the fabric and the core of the roller cover. Used in most trade and industrial sleeves to ensure no de-lamination can occur whilst using industrial coatings that contain aggressive solvents.

ROLLER CORE TYPES

The inner core of the roller cover is as important as the fabric. We've got you covered from the inside out.

PVC Is the least expensive core material and generally only used with inexpensive glues.

Polypropylene usually a clear plastic core, this is commonly used for thermal binding of fabrics. It has good resistance to solvents and is not easily crushed or mis-shaped. You'll find this core on most of our popular covers.

Phenolic cardboard Is a chemically treated cardboard core that usually is multiple layers either 3 or 6 layers depending on the fabric that's being attached to the core. Phenolic core has superior resistance to solvents. Commonly used with sleeves that are epoxy glue to the core for maximum bonding. The thick phenolic core is a feature on all our Sheepskin and trade roller covers.