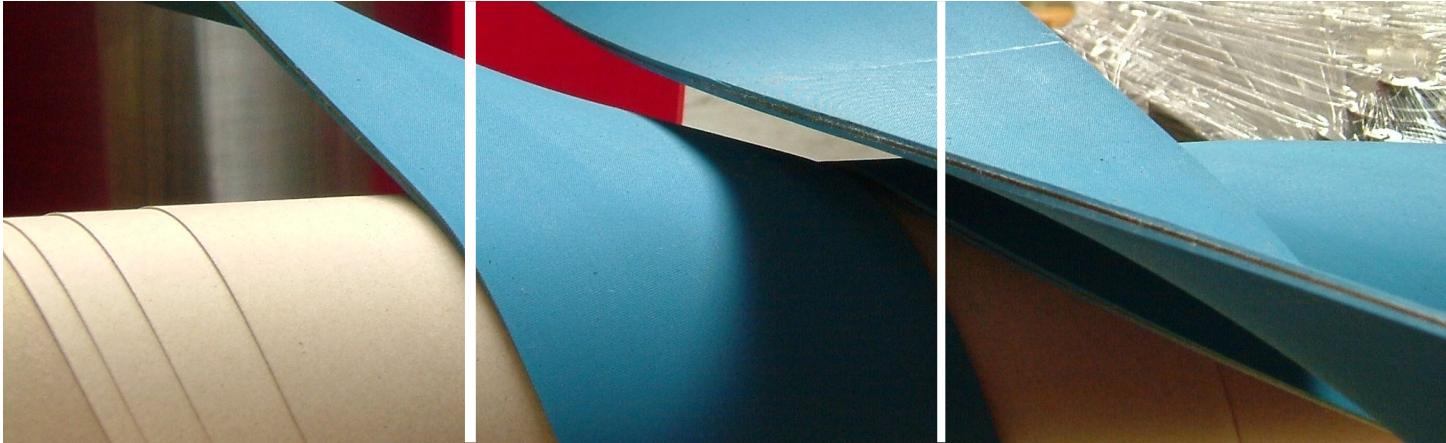


Tube Winding

RAPPLON® and AmTube Belts



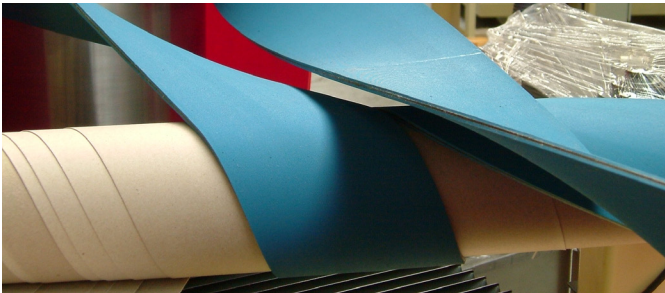
When precise spiral winding is of the utmost importance.

As part of Ammeraal Beltech's ongoing commitment to innovation we have belts available for light, medium and heavy tube winding. These belts have a constant coefficient of friction ensuring extremely precise spiral winding and are highly wear resistant to paper abrasion.

RAPPLON® and AmTube Belts are developed to wrap tensioned plies of glued paper around pulleys and mandrels in the production of paper tubing. These belts are endless and have an accurate length and width made to wrap very tightly around mandrels to produce high quality paper tubes.

RAPPLON® and AmTube belts ... offer solutions for all paper tube sizes

RAPPLON® Classic Flat Belts with TNBR Rubber for light and medium tubes



This range of RAPPLON® belts is designed for spiral winding, ensures extremely precise tubes when processing small and medium size tubes.

- Stretched polyamide foil as tension member for the highest efficiency and optimal elasticity
- New rubber compound with added wear resistance for longest lifetime and constant high friction ensuring extremely precise spiral winding
- Highly flexible single-ply tension member allow to wrap also small tubes

AmTube 500 and AmTube 700 for medium and heavy tubes



This range of endless woven AmTube Belts provides the best belting solutions to cope with specific and tough conditions found on medium to heavy tube winders.

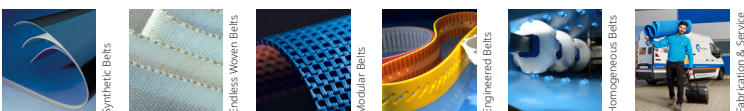
- Endless woven construction without any splice
- Special strong tension member up to 90 N/mm at 1% elongation
- Seamless fabric construction
- Seamless PU-cover
- Excellent force-elongation properties
- Ideal combination of cover resistance and high friction
- Fully closed edges to avoid edge fraying

Belt Data

| Belt type | RAPPLON® GG S04.14 RRC 54731 | RAPPLON® GG S07.30 RRC 54243 | RAPPLON® GG S09.30 RRC 54736 | RAPPLON® GG S11.50 RRC 54278 | AmTube 500 | AmTube 700 |
|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|-------------------------|
| Belt thickness [mm] | 1.3 | 3.0 | 3.0 | 5.0 | 4.0 - 7.0 | 8.0 - 14.0 |
| Belt factor at 1% elongation [N/mm] | 4 | 7 | 9 | 11 | 50 | 90 |
| Recommended elongation [%] | 2.0 - 3.0 | 2.0 - 3.0 | 2.0 - 3.0 | 2.0 - 3.0 | 0.5 | 0.5 |
| Tension member material | Polyamide Foil | Polyamide Foil | Polyamide Foil | Polyamide Foil | Polyester Endless Woven | Polyester Endless Woven |
| Cover material, colour, surface | TNBR, grey, rough | TNBR, blue, rough | TNBR, blue, rough | TNBR, blue, rough | Ropan 70, white, ground | Ropan 70, white, ground |

Belt Selection Guide

| Belt type | RAPPLON® GG S04.14 RRC 54731 | RAPPLON® GG S07.30 RRC 54243 | RAPPLON® GG S09.30 RRC 54736 | RAPPLON® GG S11.50 RRC 54278 | AmTube 500 | AmTube 700 |
|-------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------|---------------------|
| Min. core inner diameter [mm] | 18 | 30 | 40 | 40 | 32 | 44 |
| Min. core outer diameter [mm] | 20 | 32 | 50 | 50 | 40 | 60 |
| Max. core outer diameter [mm] | 40 | 50 | 80 | 120 | 80 | 1100 |
| Max. wall thickness [mm] | 2 | 4 | 6 | 10 | 2.0 - 8.0 | 4.0 - 16.0 |
| Min. drive drum diameter [mm] | 20 | 40 | 80 | 60 | 10 x belt thickness | 10 x belt thickness |



**Expert advice and quality solutions
for all your belting needs.**
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