



ATK™ ACTIVE TAPING KIT™

INTEGRATED TAPING SOLUTION

The ATK is a finely tuned system based on the patented Active Compliant Technology (ACT) and a tape applicator optimized for robot use. This integrated complete solution automates the industrial taping and masking process with individual control of all process parameters: contact force, cutting, tape consumption. The ATK offers the highest process quality from a one source. The system design is compact and light. The enormously durable Active Taping Kit is designed to apply various kinds of tapes on any part or surface with exact repeatability. It delivers perfect results without bubbles or wrinkles, 24/7.

Function: High speed quality taping
Applications: Masking, sealing, taping

**PATENTED
TECHNOLOGY**

FR
FERROBOTICS
perfect feeling

ATK™ ACTIVE TAPING KIT™

GLOBAL INNOVATION

ACTIVE TAPING SOLUTION FOR INDUSTRY 4.0

- User-friendly industrial ready-to-use solution
- Robot-compatible sensitive tape applicator combined with all the benefits of the ACT system cooperation

QUICK, FLEXIBLE, SAFE

- High performance and functionally optimized system for immediate integration
- Rapid job modulation directly by the end user
- Optimal functionality, productivity and process reliability

CONTROL OF ALL PROCESS PARAMETERS

- Contact force on the surfaces in an integrated system solution
- Cutting
- Tape consumption

TOP QUALITY

- Precisely even surface appearance thanks to a process-optimized compact solution
- No wrinkles and bubbles = flat tape transfer
- Exact repeatability
- The highest quality level 24/7

COMPACT AND SIMPLE

PRECISE APPLICATION OF FORCE

DEVICES ARE FORCE-CALIBRATED

Control of the contact force on surfaces by ACT



Control of the cutting and tape consumption

High quality taping head (tape applicator)

SPECIFICATIONS

Ordercode	ATK/001
Max. force (push/pull) [N]	100
Stroke [mm]	35
Dimensions [mm]	Max. 340 x 295 x 200 - Bolt circle ISO 9409-1-80-6-M8 standard flange ø 80
Dead weight [kg]	~ 6
Power supply	• 24 V DC • ø 8 mm air supply, 4 - 7 bar, 30 µm, ISO 8573-1 Kl.3 (oil & water free)
Max. tape width [mm]	51 (from 25-51) / 2" (from 1" to 2")
Max. tape roll diameter [mm]	140 (5.5")
Air consumption [l/min]	5 - 11
Ambient temperature during operation[°C]	+5 ... +45

FerRobotics Compliant Robot Technology GmbH

Altenbergerstraße 69
Science Park 4 / 5th Floor
4040 Linz, AUSTRIA
office@ferrobotics.at

FerRobotics Inc.

59 Prairie Parkway | 230 W. Baseline Road, Suite 108
60136 GILBERTS | 85282 Tempe
Illinois, USA | Arizona, USA
office@ferrobotics.com