



AVANCEN® Fire-retardant
Product code DP 300
Material plastic



ADVANCEN® Fire retardant

The multifunctional Snap System



YKK™

Little Parts. Big Difference. >>>



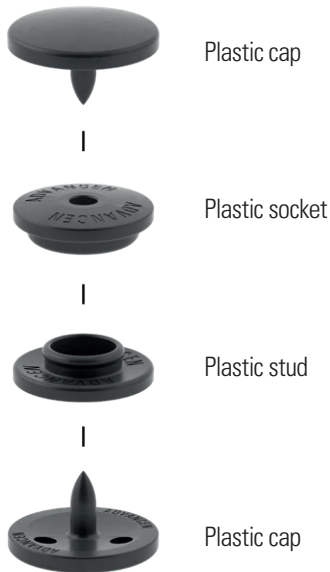
ADVANCEN® Fire-retardant

The multifunctional Snap System

The ADVANCEN® Fire-retardant snap fastener system is entirely made from high-performance-plastic material and is perfect for protective workwear. It is manufactured to be compatible with all major certifications regarding Workwear, Automotive and technical applications ensuring a strong reputation for safety and an efficient attaching system. The ADVANCEN® Fire-retardant is a lightweight, comfortable snap fastener which has been designed to be worn in dangerous working environments.*



SYSTEM STRUCTURE



SPECIAL FEATURES

- 100% metal free, high performance-plastic
- Antistatic
- Suitable for textile-rental services
- High durability
- Flat lock

CERTIFICATES

- Industrial washing resistance tested 15797:2018 Washing method No. 2
- High temperature resistance pursuant to EN ISO 11612:2015, tested in accordance with ISO 17493:2016 method A (5 min. 180°C+/- 5)
- Flame retardant: tested in accordance with DIN EN ISO 15025:2016 procedure A
- Meets the criteria of the electrical arc test IEC 61482-2 Ed 2:2018
- NFPA 2112(2018 Edition), high temperature resistant, tested and certified by UL
- Waterproof: tested according to EN ISO 811:2018
- Needle detector safe (Kensin)
- Öko-Tex Standard 100 D10-0015

APPLICATIONS

- Multi-norm clothing
- Wetness and humidity protective clothing
- Lightweight workwear
- Automotive and technical applications

CARE INSTRUCTIONS

- Household laundry 60°C
- Industrial laundry ISO 15797 washing procedure No. 2



*The pictographs associated with each product are indicative of potential areas of use and no guarantee of quality is offered unless expressly stated in the product description. Even then, customers should always test their proposed use of YKK's products and satisfy themselves regarding fitness for purpose. References to norms associated with products in this catalogue indicate that the unattached product will not prevent a final item to which it is attached from attaining the norm in question. However YKK does not guarantee that any items to which a YKK product might be attached will meet any norm and finished items should always be tested by purchasers prior to ordering.

** Depending on test method and fabric used. Test report upon request.

TEST REPORT ADVANCEN® Fire-retardant

Resistant to electric arcs, in accordance with IEC 61482-2:2018, tested by STFI. ADVANCEN® Fire-retardant Box test procedure: Test method for products APC 2

LIMITED FLAME SPREAD PURSUANT TO EN ISO 15025 A, TESTED BY STFI

TEST SNAP FASTENER SYSTEM IN OPEN STATE

UNDERLAP



Front side



Back side

Buttons are deformed by the flame, the material, however, does not drip and is residue-free (without soot).

TEST SNAP FASTENER SYSTEM IN CLOSED STATE

OVERLAP



Front side



Back side

UNDERLAP



Front side







Back side

Deformation of components is negligible and they can still be opened afterwards.



ADVANCEN® Fire-retardant

Item	Material	Ø [mm]	Height [mm]	Attaching tool
CAPS				
 DPN 300/13 P	Plastic	13,0	7,5	0174468 NSD(DPN 300/13) (1981994A0)
 DPN 300/15 P	Plastic	15,0	7,5	0174467 NSD(DPN 300/15) (1981993A0)
SOCKET				
 DPO 300 P	Plastic	12,0	3,4	0174466 NSU(DPO 300)** (1981992A0)
STUD				
 DPK 300 P	Plastic	12,0	3,4	0174465 NSU(DPK 300)** (1981991A0)

** Special attaching tool (€€)

**FOR PROCESSING THE
ADVANCEN® Fire-retardant
WE RECOMMEND THE ATTACHING
MACHINE WPG 5041 LA WITH
AUTOMATIC PRESSURE SENSING.**

The application pressure must be 5 bar. We would be pleased to provide you with detailed advice. Our technical service team is available to you at any time.

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Item photos and drawings of the interlocking and fastening systems shown may differ from the original size or original geometry of the products. The indicated dimensions are non-binding guide values.

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