TEST REPORT

Head protection combination Protos® "Forest"

Test no. 6519

OWNER OF TEST CERTIFICATE

Protos GmbH
Herrschaftswiesen 11
AT-6842 Koblach
Austria
Email office@protos.at
www.protos.at

Source: protos.at

List of color combinations approved by the technical committee

• Orange solid 60-	• Yellow solid 50-
• Orange with neon yellow stickers -62	• Neon yellow 20-
• Orange with lemon yellow reflective stickers -29	• (Neon) yellow with red stickers -10
• Orange with woodprint decals (e.s.) -WP	• Yellow with red decals / KOX-10
• Orange with neon red decals -66	• Yellow with fire red decals (e.s.) -FR
• Orange with neon orange decals -67	• (Neon) yellow with neon red decals -66
• Orange with neon red-orange decals - 68	• (Neon) yellow with neon orange decals -67
• Orange with pink decals -110	• (Neon) yellow with neon red-orange stickers -68
• Orange with neon pink decals -115	• (Neon) yellow with pink stickers -110
• Orange with light blue reflective stickers -94	• (Neon) yellow with neon pink stickers -115
• Orange with white decals -70	• (Neon) yellow with light blue reflective stickers -94
• Pink plain 110-	• (Neon) yellow with reflective white stickers -70
• Pink with pink stickers -110	• Pink with neon orange stickers -67
• Pink with red reflective tape -10	• Pink with reflective white stickers -91
• Pink with neon yellow stickers -20	• Pink with white stickers -70

All other color combinations do not meet the KWF's jointly agreed basic requirements for the color design of upper body clothing and head protection, which we believe is necessary for sufficient visibility in the forest.

Plain 62 29 WP 66 67

68 110 115 94 70

Solid 50- Neon yellow 20- -10 FR (e.s.) KOX -66 -67

-68 -110 -115 -94 -70

Uni -110 -10 -20 -67 -70 -91

Results and assessments

Results from the 2014 field test

Protos® "Forest" head protection combination
Protos GmbH, Herrschaftswiesen 11, AT-6842 Koblach, Austria

Brief description

Material	Shell material: UV-stabilized ABS.
Description	Single or multi-colored helmet shell with closable ventilation holes. Rimless design, attached, integrated visor, integrated ear protection, available in 30 different approved colors.
Weight	Approx. 875 g with visor and ear muffs.
Sizes available:	Adjustable and fastened with a tension flap.
Service life:	5 years from date of sale, or sooner if damaged. Details of the production date are indicated on the inside of the helmet, on the forehead area. Note: Observe additional manufacturer information on service life.
ear muffs:	Protos P1 EVO; KWF hearing protection class 1, insulation performance (HML) M = 27 dB(A); therefore suitable for all KWF-approved chainsaws.
Face protection:	Metal etched visors in two designs: G16 (coarse) and F39 (fine)

Tested accessories: Integratable safety goggles, crash absorber, neck protection

Overall assessment

application field

Year-round forestry work, especially with chainsaws.
Total wearing time during the study 924 days of use at 12 practical application sites.

Feature	Result
Wearing characteristics of the entire combination	**+**
Wearing characteristics of the ear muffs	**+**
Wearing comfort of the face shield	**++/+**
Durability/Care/Maintenance	**++/**
	Very good to good

++ = very good; + = good; o = satisfactory; - = adequate; - - = poor

Brief description from the carrying test

Specialized forestry protection combination

Very good wearing comfort in all normal weather conditions, high durability, and good functionality with minor limitations regarding the sweatband. The use of headsets or comparable communication devices may limit functionality depending on the system selected. The earpiece holder fulfills its purpose well and provides satisfactory insulation performance for the ear muffs.

Individual details from the practical tests

Feature	Details (+)	Details (−)
Wearing characteristics	The positive wearing characteristics and, above all, the weight distribution result in a positive weight perception, even though the helmet is not light. Ventilation was rated as good. The helmet's fit on the head and the seal between the helmet and face shield also received top marks from the testers. The visor does not protrude into the field of vision when passive.	The sweatband was found to be uncomfortable by some, with low absorbency. [Edit 2026: Equipped with Klima-Air headband]
Durability	Overall, the testers reported very good durability, with the head protection combination making a solid impression. The durability of the face shield received the best individual rating in the test.	
Features	The mechanisms for folding up and down are smooth and quiet. However, it is not retractable. The coarser visor is more suitable for use in wet conditions (less water adhesion), while the finer visor is more suitable for dry environments (less dust penetration).	
Care	The parts that require care (e.g., sweatband) are very functional and easy to handle.	The helmet is difficult to clean on the inside.

Accessories tested: Several accessories proved themselves very well in the wear test. The goggles are durable and can be ground to the user's visual acuity; they are well integrated into the helmet and easy to fold in and out. The crash absorber improves cushioning in the event of an accident and does not impair wearing comfort. The SympaTex neck protector is well attached, does not stick to the skin, and fulfills its purpose well.

Accessories not tested: radio capsule and flashlight. No statement can be made about these items of equipment (functionality, durability, wearing characteristics).

Certificates and declarations on social and environmental sustainability

The manufacturer provides the following certificates and declarations:

- Production in Austria and the EU

This report is based on practical tests and measurements carried out by professional users according to the specifications of the Expert Committee "Occupational safety equipment" of KWF e.V.

KWF Services GmbH awards the product the certification mark 'KWF-Profi'.

Certificate awarded	05.02.2026
Recognition valid until	31.05.2031
Initial recognition	May 2016

KWF Services GmbH
Spremberger Strasse 1
64823 Gross-Umstadt
Germany
Phone: +49 6078-785-28
e-mail: info@kwf-services.de
web: www.kwf-services.de