



T&C PI-test certificate 130507R

Packaging approval no.

NL/WIVA 2837

**T&C Packaging International
Testing & Consultancy
Packaging International
Part of the IBE - BVI group**

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Date February 25, 2013
Holder UN-mark Mauser Benelux B.V. P.O.Box 235 4900 AE OOSTERHOUT THE NETHERLANDS
Manufacturer Mauser Benelux B.V. P.O.Box 235 4900 AE OOSTERHOUT THE NETHERLANDS
T&C PI order number T&C PI 12.009.05
Project manager Ing. P.J. Sikkens
Number of pages 3

Description of the packaging

Plastics jerrican with non-removable head

- Packaging code : 3H1
- Type identification : Family 27 litre - 20 litre Can Universeel
- Material/grade : Total HDPE 56020S
- Method of manufacturing : Blow moulding
- Nominal capacity : 27 litres
25 litres
22 litres
20 litres
- Nominal dimensions : 292 x 242 x 488 mm (27 l)
292 x 242 x 465 mm (25 l)
292 x 242 x 409 mm (22 l)
292 x 242 x 386 mm (20 l)
- Nominal mass : 1250 g (27 l)
1185 g (25 l)
1050 g (22 l)
1015 g (20 l)
- Closure : - K60 with or without tamper evident ring (both in two variations in mass)
- K60 with Duravent D17 or D38
- K60 Plasticap (Manufacturer: Greif Tri-Sure Closures)
- K60 with induction seal, without gasket (Manufacturer Procap)
- Gasket : O-ring: PE, foamed PE, Perbunan or EPDM

Reference regulations

- Sea transport : IMDG Code, 2010
- Air transport : ICAO TI, 2011/2012
- Road transport : ADR, 2013
- Railway transport : RID, 2013

Reference reports

- WIVA report : 2003.178, dated February 28, 2003
- TNO report : VERP 03.04542/PS, dated April 17, 2003
- MAUSER report : 2005.200, dated January 19, 2006
- Mauser Benelux report : MB 2009.215, dated February 25, 2009
- Mauser Benelux report : MB 2012.226, dated December 19, 2012

Contents to be transported

Liquids to be assimilated to the standard liquid and with the limiting conditions as mentioned in the Table below.

Standard liquid	Maximum relative density Packing group II/III	Internal hydraulic test pressure (kPa)
Water	1.9/1.9	200
Wetting agent	1.2/1.2	200
Acetic acid	1.2/1.2	200
Nitric acid 55%	1.4/1.4	180
Hydrocarbon mixture	1.2/1.2	180
n-Butyl acetate / n-butyl acetate saturated wetting solution	1.2/1.2	180

UN-mark

T&C Packaging International as competent authority in The Netherlands has issued the following mark

 **3H1/Y1.9/200/--/NL/WIVA 2837**

-- the last two numbers of the year in which the packaging was produced should be entered here.

This mark can be used by the holder of the UN-mark of the packaging, Mauser Benelux B.V., Oosterhout, The Netherlands, to indicate that the packagings produced meet the requirements.

Quality assurance

Manufacturing of packagings bearing this mark must be according to a quality assurance system as laid down by the competent authority in The Netherlands in the Guideline as applicable.

Use of packagings

The use of packagings of the approved type for the transport of dangerous goods has been laid down in the regulations applicable in the mode of transport.

Validity

This approval replaces all approvals issued earlier.

The use of packagings, manufactured in a period in which a previous approval was valid, is allowed.



P.J. Sikkens B.Sc
Project manager



A.A. Schilperoord M.Sc
Competent officer