




**PRODUCT APPROVAL OF PACKAGING  
FOR TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET0348X**

HOLDER OF CERTIFICATE:

**Greif Sweden AB**

**MANUFACTURER:** Greif Sweden AB, Box 23, SE-311 23 Falkenberg, Sweden

**MARKING ON PACKAGING:**  **1H1/Y1.4/150/YR/N/NET0348AX - ID**

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

The packaging shall also be appropriately marked with the month of the manufacture.

The marking ".../0348AX" gives the possibility to share the marking with a certificate with number 0348A. "-A" is then the certificate for Mono extrusion and "-X" is the certificate issued for Co-extrusion process.

**PRODUCT:**

Packaging code / Volume	Description	Drawings	Material
1H1 / 1 L	Plastics drums, non-removable head	F3P-2805 Rev 3, F3P-2806 Rev 3, F3P-2807 Rev 2	HDPE/PA

**CLOSING MECHANISM:**

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 50 mm	Procap	BVO500DB	HDPE	ALKOsafe Papier 30/12/60	5 Nm
2: Screw cap 50 mm	Muhlhoff	AK-844.1-3 C	HDPE	ALKOsafe Papier 30/12/60	5 Nm
3: Screw cap 50 mm	Procap	BIO501AG	HDPE	ALKOsafe Papier 30/12/60	5 Nm
4: Screw cap 50 mm	Muhlhoff	-	PP	Duplex-Chromo- ALKOsafe	5 Nm
5: Screw cap 50 mm	Bericap	ENG-00-003496 b	HDPE	Duplex-Chromo- ALKOsafe	5 Nm
6: Screw cap 50 mm	Bericap	ENG-00-017582 f	HDPE	Duplex-Chromo- ALKOsafe	5 Nm
7: Screw cap 50 mm	Procap	BIO501A	HDPE	Gore-Tex vented, PE foam	5 Nm
8: Screw cap 50 mm	Procap	10 S 41 SG 12-01P	HDPE	YC4 vented liner	5 Nm

9: Screw cap 50 mm	Procap	10 S 41 SG 12-01P	HDPE	Cap Agro 50 SNAP vented liner	5 Nm
10: Screw cap 50 mm	Procap	10 S 41 SG 12-01P	HDPE	Cap Agro 50 SNAP PE liner	5 Nm
11: Screw cap 50 mm	Procap	10 S 41 SG 12-01P	HDPE	Cap Agro 50 SNAP Induction liner	5 Nm



**DIMENSIONS:**

Packaging weight, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
80 - 115	1.0	234	89	50

**APPROVAL:**

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

**REGULATIONS BASED UPON FOR APPROVAL:**

UN Recommendations on the Transport of Dangerous Goods.  
 ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 RID, International Regulations on Transport of Dangerous Goods by Rail.  
 IMDG, International Maritime Dangerous Goods Code, for sea transport.  
 ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
 IATA Dangerous Goods Regulations, for the air transport.

**APPROVAL IS VALID FOR:**

The packaging is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Water	1.4	142
PFL-FR2323	1.3	142
PFL-FR2344	1.3	142

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET0348X	01.11.2013	NET	Type approval

LERUM, SWEDEN

**22.06.2015** CERTIFICATE IS VALID UNTIL:

**30.06.2020**


Susanne E. Dahlberg  
 Certification Officer



Rune Madsen Fink  
 Control Officer

*Nordisk Emballasje Testing AS Certification*