Certificate no.:
TAS00004A7

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Cargo Securing Devices

with type designation(s)
TUFFLASH 4050 & (CT) 4040 DF

issued to
ATLAS DUNNAGE AMBALAJ SAN VE TIC. A.S
AMASYA, Türkiye

is found to comply with
EN 12195-2 Load restraint assemblies on road vehicles – Safety – Part 2: Web lashing made from man-made fibres

Application:

One Way Lashing
Break load test results:

test no.	strapping [daN]	system [daN]
1.	5.255	8.323
2.	5.055	8.275
3.	5.147	8.408

First value: breaking strength of one strapping only
Second value: system breaking strength of one loop of strapping connected by the mentioned buckle

Breaking strength of strapping: minimum 5.000 daN
Breaking strength of system: minimum 8.000 daN

Place and date of test: Amasya, Türkiye, 2023-10-26

Issued at **Hamburg** on **2024-10-15**
This Certificate is valid until **2029-10-14**.
DNV local unit: **Istanbul**

for **DNV**

Approval Engineer: **Joachim Rehbein**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

One way lashing consists of following parts:

Strapping:	TUFFLASH 4050	– polyester woven strap; width 40 mm
Tension retaining device:	(CT) 4040 DF	– galvanised drop forged buckle; width 40 mm

Application/Limitation

One-Way Lashing.

Any change in production method, material or change of manufacturing site will render this certificate invalid.

This Type Approval certificate is not valid for designs, components, equipment, systems or products which are subject to classification by DNV.

Type Approval documentation

Tests carried out

Break load tension tests carried out according to DIN EN 12195-2, para. 6.3, for three times with webbing only and three times with one loop of webbing closed with mentioned buckle.

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification and according to requirements in mentioned standard.

The marking is to be carried out in such a way that it is visible, legible, and indelible. The marking of product is to enable traceability to the DNV Type Approval Certificate.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments (for Certificate Retention / Certificate Renewal) shall be performed according to DNV-CP-0338.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com

END OF CERTIFICATE