

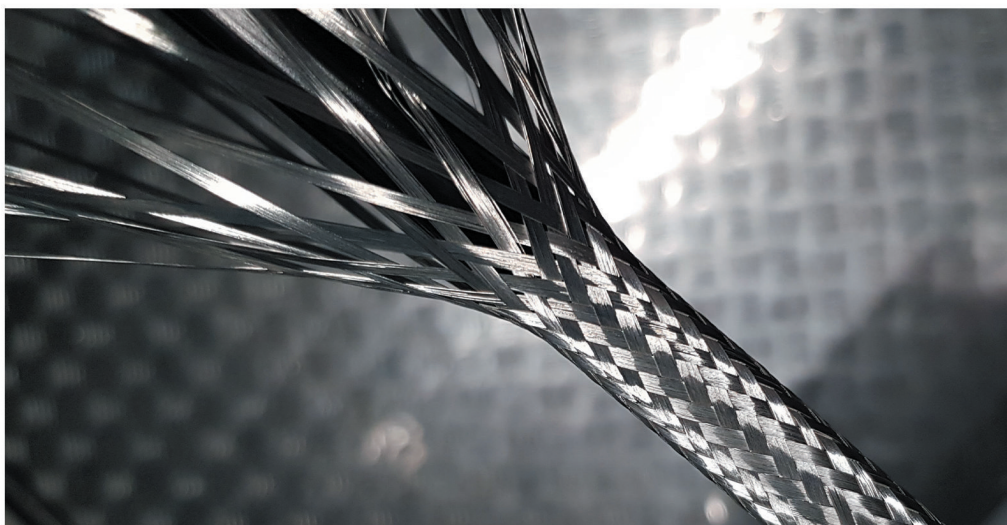
- Optical covering value **min. 93%**
- High expansion and contraction ability with super flexibility
- Plastic Former that can be **easily removed** and used as a guide
- EMI cable shielding braid is provided on the Plastic Former. Plastic Former hose makes assembly easy. It also provides the protection of the EMI cable shielding form.
- It is produced in **11 different diameters from 3mm to 40mm**.
- It is suitable for cable shielding in **military standards**.

AC-4500 Flexible EMI Cable Shielding Cu/Sn*								
Product Code	VG-Norm Description	Plastic Pipe Dia. (mm)	Wire Size AWG/mm	Harness Tolerance (mm)**		Coverage (%)		Max. Weight (kg/km)***
				min.Ø	max.Ø	minimum	nominal	
AC-4503	VG96936T10A001A	3,0 ± 0,15	38 / 0,10	2,5	5,0	93,0	99,0	12,95
AC-4504	VG96936T10A002A	4,0 ± 0,25	36 / 0,127	3,5	7,5	93,0	99,1	21,45
AC-4506	VG96936T10A003A	6,0 ± 0,25	36 / 0,127	4,5	9,5	93,0	98,9	29,27
AC-4507	VG96936T10A004A	7,5 ± 0,25	36 / 0,127	7,0	14,0	93,0	99,4	44,51
AC-4510	VG96936T10A005A	10,0 ± 0,25	36 / 0,127	8,0	22,0	93,0	99,5	54,45
AC-4512	VG96936T10A006A	12,5 ± 0,25	36 / 0,127	11,0	24,0	93,0	99,3	67,94
AC-4515	-	15,0 ± 0,35	36 / 0,127	13,5	28,0	93,0	99,0	90,15
AC-4520	VG96936T10A007A	20,0 ± 0,35	36 / 0,127	16,0	36,0	93,0	98,8	104,80
AC-4525	-	25,0 ± 0,35	32 / 0,20	20,0	38,0	93,0	98,2	197,50
AC-4530	-	30,0 ± 0,35	32 / 0,20	25,0	40,0	93,0	97,9	209,90
AC-4540	-	40,0 ± 0,35	32 / 0,20	35,0	50,0	93,0	96,2	283,54

* With tin-plated copper wire

** Recommended harness tolerance values. Reference values can be increased or decreased according to the application.

*** Max. weight value does not include plastic pipe weight. The thickness tolerance value for copper wire is ±%3,5 turns.





AC-4500 SERIES FLEXIBLE EMI CABLE SHIELDING TECHNICAL SPECIFICATION

March-2023



Material and Specification :

Material : Cu/Sn
 Nato NSN Code : 6150270691113 to 67
 Specification : VG96960-10:2007-10
 VG-Norm discription : VG 96936T10A001A-A007A
 Operating Temperature : -65°C to +150°C



VDE Prüf- und Zertifizierungsinstitut

GUTACHTEN MIT FERTIGUNGSÜBERWACHUNG
CERTIFICATE OF CONFORMITY WITH FACTORY SURVEILLANCE

AC Proje Tasarim San. Ve Tic. A.Ş.
 Camlica Mah., Anadoluh Bultvarı,
 Timko Sokak:1, 1. Blok, No:20-İf5
 06200 Ankara
 Turkey

ist berechtigt, für ihr Produkt /
 is authorized to use for their product
 Geflechschlauch, metallisch
 Tubular braided, metallic

die hier abgebildeten markenrechtlich geschützten Zeichen
 für die ab Blatt 2 aufgeführten Typen zu benutzen /
 the legally protected Marks as shown below for the types referred to on page 2 ff.

<> VDE-REG F 159 >

Geprüft und zertifiziert nach /
 Tested and certified according to

VG 96936-10:2007-10

Befristet zum / valid until: 2025-12-31
 Akkreditierung: 5027861-6480-0010 / 287341
 File ref.:
 Ausweis-Nr.: 40653771
 Certificate No.
 VDE Prüf- und Zertifizierungsinstitut GmbH
 VDE Testing and Certification Institute
 Zertifizierungszentrale / Certification
 Offenbach, 2021-07-12
 Blatt 1
 Page

VDE Zertifikate sind nur gültig, wenn die Bescheinigung unten
 VDE certificates are valid only when published on:
 http://www.vde.com/certifikat
 http://www.vde.com/certificate

VDE/VG CERTIFICATE

**Bundesamt für Ausrüstung, Informationstechnik
 und Nutzung der Bundeswehr**

Bundesamt für Ausrüstung, Informationstechnik und Nutzung der Bundeswehr

AC Proje Tasarim San. Ve Tic. A.Ş.
 Camlica Mah., Anadoluh Bultvarı,
 Timko Sokak:1, 1. Blok, No:20-İf5
 06200 Ankara (Turkey)

Standort/Location: US 3-90-59-75
 Beauftragter/Mgr: Marx
 Durchwahl/Nr.: 400 - 18336
 Koblenz, 03.08.2021
 E-Mail: BAANBwU3.3@bundeswehr.org
 Fax: -18332

Zulassungsurkunde / Ausnahme genehmigung nach VG 95211
 Certificate of Approval / Exceptional Permission according to VG 95211 (Defense Equipment Standard)

Als Anlage übersende ich die / Enclosed please find
 Zulassungsurkunde / Certificate of Approval
 Ausnahme genehmigung / Exceptional Permission

in / in
 1 -facher Ausfertigung für das/die Bauelement(e) / -copies, for the component(s)
 U3.3i2114, VG 96936-10 Schutzschläuche, Schutzrohre, Schutzkanäle —
 Teil 10: Metallische Geflechschläuche und Geflechleiter, Bauartnorm

Nebenabdruck für (siehe Rückseite) / copies for information to (see back)
 Im Auftrag / by Order
 Marx

BAANBw A1209 / 02.14 Anzr. U3.3 Schutzschl. Seite 1

BUNDESWEHR CERTIFICATE

JOSCAR REGISTERED

This is to certify that the holder of this certificate:

AC Proje Tasarim Sanayi ve Ticaret AS

Has satisfied all the requirements to become fully registered on the JOSCAR supplier accreditation register, as set out by participating buying organisations.

Colin Maund
 CEO, Helios Information

Renewal Date:
 13 October 2022

HELLIOS ADS MAE

JOSCAR is supported by
 LEONARDO QINETIQ NATS MBDA
 ROKE leidos Raytheon Chemring

JOSCAR ACCREDITATION