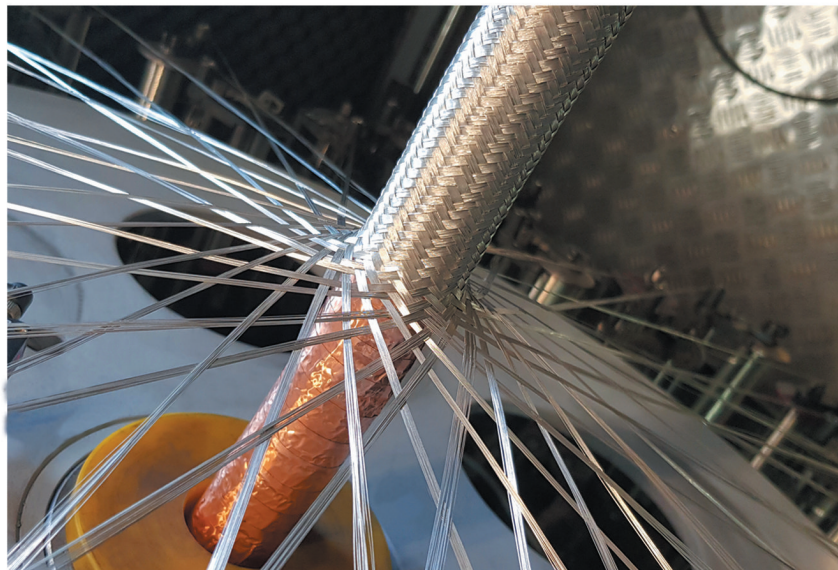


- **Stainless steel spiral hose** used as steel conduit is a general purpose high quality connecting hose. Made of AISI 304L stainless steel material.
- After the **tin-plated copper wire mesh** wrapped on the steel conduit, an intermediate layer is applied with **conductive copper tape** material in one layer. The product is completed by making a shielding braid with tin-plated copper wires as the top layer on the applied copper tape layer.
- Provides high compressive strength.
- It is produced in **10 different diameters from 11,0 mm to 62,9 mm**.

AC-4400-DS EMI Cable Shielding With Metal Conduit & Copper Tape Cu/Sn*						
Product Code	Steel Conduit Inner Diameter (mm)	Steel Conduit Outer Diameter (mm)	Knitted Outer Diameter (mm)	Tolerance (mm)	Copper Wire Outer Diameter (mm)	Minimum Bending Diameter Static r _{min} (mm)**
AC-4411-DS	6,2	9,6	11,0	± 0,2	0,127	33
AC-4414-DS	8,2	12,2	14,0	± 0,2	0,127	44
AC-4416-DS	10,2	14,2	15,9	± 0,3	0,127	50
AC-4418-DS	12,2	16,3	18,1	± 0,3	0,127	57
AC-4423-DS	16,2	21,6	23,1	± 0,3	0,127	63
AC-4429-DS	20,2	26,9	28,8	± 0,3	0,200	90
AC-4434-DS	25,3	32,1	34,3	± 0,4	0,200	109
AC-4444-DS	32,2	41,1	43,6	± 0,4	0,200	135
AC-4453-DS	40,1	49,7	52,6	± 0,4	0,200	168
AC-4463-DS	50,2	60,2	62,9	± 0,5	0,200	208

* With tin-plated copper wire.

** The bending diameter may vary ±15% depending on the amount of wiring harness applied.



AC-4400 SERIES EMI CABLE SHIELDING WITH METAL CONDUIT TECHNICAL SPECIFICATION

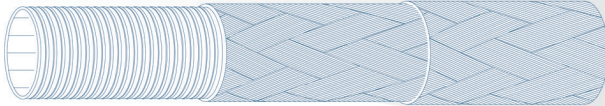
March-2023

AC44-XX-KS-1-XX-XX



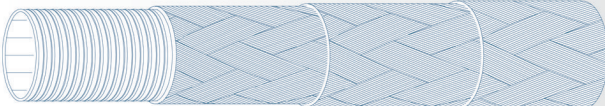
Standard EMI Cable Shielding With Metal Conduit
It is manufactured by making wire braid on a spiral shaped stainless steel body. Braiding is done in a single layer. It is made with tin or nickel plated copper wires.

AC44-XX-KS-2-XX-XX



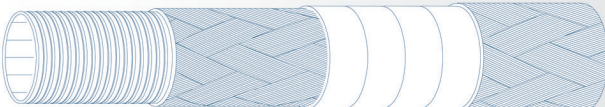
Double EMI Cable Shielding With Metal Conduit
It is manufactured by making wire braid on a spiral shaped stainless steel body. Braiding is done in two layers on top of each other. It is made with tin or nickel plated copper wires.

AC44-XX-KS-3-XX-XX



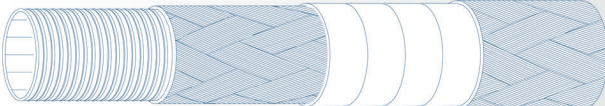
Triple EMI Cable Shielding With Metal Conduit
It is manufactured by making wire braid on a spiral shaped stainless steel body. Braiding is done in three layers on top of each other. It is made with tin or nickel plated copper wires.

AC44-XX-DS-1-XX-XX



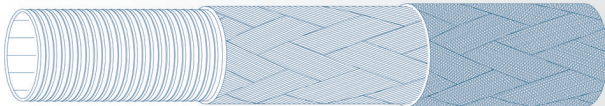
EMI Cable Shielding With Metal Conduit & Copper Tape
It is manufactured by making wire braid on a spiral shaped stainless steel body. After a single layer of copper wire braid is made, an interlayer is applied with conductive copper tape material in one layer. It is finished by making the last layer of copper wire braiding.

AC44-XX-AS-1-XX-XX



EMI Cable Shielding With Metal Conduit & Aluminium Tape
It is manufactured by making wire braid on a spiral shaped stainless steel body. After a single layer of copper wire braid is made, an interlayer is applied with conductive aluminium tape material in one layer. It is finished by making the last layer of copper wire braiding.

AC44-XX-XX-1-XX-NV



EMI Cable Shielding With Metal Conduit and Nomex® Finishing
It is manufactured by making wire braid on a spiral shaped stainless steel body. After the requested layers are completed, Meta-Aramid yarn braiding is done as the last layer.

