



ISO 9001:2015



SealFlex PVC/Polyurethane Covered Metal Hose Bulletin #210
Stainless/Galvanized Steel, Inter-locked/ Square Locked & Corrugated

As one of the founding companies in the metal hose industry, UMH has been the #1 choice for galvanized and stainless steel flexible metal hose since 1942!

Universal Metal Hose Company has added a new series of metal hose products— corrugated, inter-locked and square locked flexible metal tubing protected with PVC plastic or polyurethane covering. This new product is designed to provide leak proof protection of flexible metal hose and allow for greater resistance against a wide range of corrosion, oils, greases and other contaminants. Available in most colors (single or double coated), Inter-locked and square locked hose sizes can range from 1/16"ID to 1"ID and shipped in standard 500' reels. Special cut lengths of less than 500' can be made available, and this product can also be provided with a pull-through wire to assist with pulling fiber optic cables and multiple wires within wire harness assemblies. Coating thickness can be changed to meet customer requirements. (The list below is intended to be a guide, many products other than the ones listed below can be coated in order to solve your needs. Please consult factory for more information.)

Inter-Lock Style (Add "PW" to end of part number if pulflex pull-through wire is needed)

<u>Size</u>	<u>ID</u>	<u>OD</u>	<u>Single Coat (typical)*</u>	<u>Part Number</u>
5/32"	.160"	.265"	.030"-.035" Thick	451550-1540
3/16"	.188"	.285"	.030"-.035" Thick	451554-0040
7/32"	.219"	.320"	.030"-.035" Thick	451560-0040
1/4"	.250"	.350"	.035"-.040" Thick	451564-0040
9/32"	.282"	.295"	.035"-.040" Thick	451565-0040
5/16"	.313"	.415"	.035"-.040" Thick	451568-0040
3/8"	.375"	.495"	.040"-.045" Thick	451572-0040
1/2"	.500"	.620"	.040"-.045" Thick	451576-0040

Covered metal hose sizes available up to 1" ID—Inter-Lock/ Square Lock/ Corrugated

* Single coat tolerance = +/- .008" thickness, Double coating available for all sizes.

**INDUSTRIES/
MARKETS**

Electrical

Power/Ground wire & cable protection for traditional and alternative energy sources

Control Cable

Instrumentation/ measurement device Control Cable/Wire guidance

Fiber Optic

outdoor, underground & damp locations

**COMMON
APPLICATIONS**

**Armoring and Shielding
OEM cable & electric wiring
conduit within factories**

**Environmental Corrosion/
Contaminants
chemical/petrochemical , water
& wastewater treatment plants**

Motion/ Vibration

**absorption Interference
pumps/ motor assemblies,
refrigeration**

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ISO 9001 : 2008

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