

### EXTRAFLEX Galvanized Steel Square Locked Metal Hoses Packed or Unpacked



Universal *EXTRAFLEX* square locked loose wound galvanized steel flexible hoses are strip wound hose products which are designed to have extra flexibility. The configuration has high extension or compression that facilitates installation between fixed connections. Designed as armor for wiring, cables, and non-metallic tubing. A compact cross section profile provides a large bore. Packed construction which is moisture resistant is available with a choice of three packing materials.

### BASIC PART NUMBERS

Nominal Inside Diameter (inches)	Size Dash Number	Nominal Outside Dia. (inches)	U-10G Unpacked		U-20G Packed		
			Minimum Bend Inside Radius (in.)	Weight Per Ft. (lbs.)	Minimum Bend Inside Radius (in.)	Weight Per Ft. (lbs.)	
3/16	0.188	006	0.281	.75	0.054	1.25	0.062
7/32	0.219	007	0.318	1.00	0.060	1.25	0.069
1/4	0.250	008	0.350	1.00	0.065	1.25	0.075
9/32	0.281	009	0.381	1.13	0.070	1.25	0.081
5/16	0.313	010	0.422	1.13	0.076	1.50	0.088
11/32	0.344	011	0.452	1.25	0.082	1.75	0.094
3/8	0.375	012	0.500	1.25	0.087	2.00	0.098
13/32	0.406	013	0.523	1.25	0.093	2.00	0.10
7/16	0.438	014	0.551	1.25	0.098	2.00	0.113
1/2	0.500	016	0.622	1.38	0.106	2.25	0.123
17/32	0.531	017	0.657	1.38	0.115	2.25	0.133
9/16	0.563	018	0.690	1.63	0.123	2.38	0.142
5/8	0.625	020	0.752	1.75	0.126	2.50	0.145
3/4	0.750	024	0.910	2.00	0.186	3.50	0.260
7/8	0.875	028	1.060	2.75	0.218	4.00	0.300
1	1.000	032	1.200	3.00	0.255	4.75	0.355
1 1/8	1.125	036	1.312	3.50	0.295	5.00	0.410
1 1/4	1.250	040	1.435	3.75	0.330	5.63	0.460
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	

The following sizes conform to the outside diameters specified for Electrical Trade Sizes (ETA). Consult local codes and Article 350 of the National Article Code for approved applications.

ETS	Size
5/16	012
3/8	016
1/2	024

## Packing Materials

Packing Code	Material	Service Temperature (°F)
A	Cotton	200
B	Synthetic Fiber	650
C	Buna N	225

The service temperatures given are for the packing material only. The maximum recommended temperature for *EXTRAFLEX* unpacked hose is 750°F.

## Ordering Instructions

To order bulk hose specify the basic configuration, U-10G or U-20G, followed by the size dash number from Column 2 of the table on the reverse side of this page. For U-20G packed hose the packing code from the above table must be added.

### Example:

*P/N U-10G-008 specifies 1/4" inside diameter unpacked galvanized steel square locked hose.*

*P/N U-20G-012-A specified 3/8" inside diameter packed galvanized steel square locked hose with cotton packing.*

Consult the factory or a distributor of *UNIVERSAL* products for available standard lengths. Cut lengths or complete assemblies are also available.

## Optional Materials

The standard product is made from galvanized mild steel, or it may be purchased with an optional coating of electroplated tin. These same configurations are also available made from bronze or aluminum.

Stainless steel square locked hose is available but is made to different dimensional configurations than this specification. Refer to Bulletin 206.

For liquid tight applications *EXTRAFLEX* can be coated with a PVC external coating colored as grey, black or blue.



## Applications

*EXTRAFLEX* is a loose wound hose with a low profile cross section which facilitates easier pulling for use as an armor over wires, cables, and non-metallic tubing. Unpacked configurations should be used for dry applications requiring mechanical protection only. Packed configurations are not liquid tight but may be used where moisture resistance is required. Coated hose must be installed to protect against water, oil, grease, corrosive fumes and chemicals.



**Universal Metal Hose**  
A Hispan Company

17111 South Wallace Street  
South Holland, IL 60473-2735  
Voice: 773-277-0700  
Fax: 773-277-0727  
[www.universalmetalhose.com](http://www.universalmetalhose.com)