



ULTRAFLEX—PROTECTIVE CASING **Bulletin #207**
STAINLESS STEEL “FLOPPY” INTERLOCKED TUBE

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

UMH *ULTRAFLEX* is extremely flexible metal casing made from 304 grade stainless steel as the standard material and offers 316 stainless as optional.

The *ULTRAFLEX* interlocked construction provides extremely high tensile strength and outer tube shell crush resistance. UMH *ULTRAFLEX* can easily be fully extended or compressed without binding, unwinding or springing open.

UMH offers other varieties (materials and strip wound tube construction) of small diameter protective metal casing, please contact our factory for additional information.

STANDARD APPLICATIONS

***Thermocouple Connector and Wire Heat Armor**

***High Pressure Air and Hydraulic Hose Protection**

***Buried Electrical Wire and Optic Fiber Cable Lines**

***OEM Sensor Connector Protection and Wire Containment**

***Field Installed Electronic Alarm System Wire & Cable Harness Protection**

***Aircraft Flap & Rudder Control Systems**

***Parachute Rip Cord Cable & Wire Casings**

Base Part No.	ID/	Description	Thickness	Weight
451500 Series Capillary Tubing				Per ft.
	0.16"	UI/Cap	0.008"	0.06lbs
	0.19"	UI/ Cap	0.008"	0.06lbs
	0.22"	UI/ Cap	0.008"	0.07lbs
	0.25"	UI/ Cap	0.008"	0.08lbs
	0.28"	UI/ Cap	0.008"	0.09lbs
	0.31"	UI/ Cap	0.008"	0.09lbs
466300 Series Casing & Capillary Tubing				
	0.37"	UI/ Cap	0.008"	0.17lbs
	0.43"	UI/ Casing	0.010"	0.17lbs
	0.50"	UI/ Casing	0.012"	0.18lbs
	0.56"	UI/ Casing	0.010"	0.19lbs
	0.59"	UI/ Casing	0.010"	0.20lbs

(See back side of sheet for all available sizes up to 5.5" ID)

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ISO 9001 : 2008
CERTIFIED





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<u>Base Part No.</u>	<u>ID/</u>	<u>Description</u>	<u>Material Thickness</u>	<u>Weight/ft.</u>
466300 Series Casing (continued)				
	0.63"	UI/ Casing	0.010"	0.21lbs
	0.67"	UI/ Casing	0.010"	0.22lbs
	0.74"	UI/ Casing	0.010"	0.24lbs
	0.82"	UI/ Casing	0.010"	0.28lbs
	0.86"	UI/ Casing	0.010"	0.29lbs
466301 Series Casing				
	1.00"	UI/ Casing	0.010"	0.30lbs
	1.13"	UI/ Casing	0.015"	0.39lbs
	1.34"	UI/ Casing	0.015"	0.67lbs
	1.45"	UI/ Casing	0.015"	0.74lbs
	1.59"	UI/ Casing	0.017"	0.92lbs
	1.68"	UI/ Casing	0.017"	1.05lbs
	1.96"	UI/ Casing	0.017"	1.21lbs
466302 Series Casing				
	2.04"	UI/ Casing	0.017"	1.22lbs
	2.28"	UI/ Casing	0.017"	1.23lbs
	2.40"	UI/ Casing	0.017"	1.36lbs
	2.59"	UI/ Casing	0.017"	1.42lbs
	2.82"	UI/ Casing	0.017"	1.63lbs
	2.96"	UI/ Casing	0.017"	1.79lbs
466303 Series Casing				
	3.55"	UI/ Casing	0.017"	2.13lbs
	3.90"	UI/ Casing	0.017"	2.31lbs
466304 Series Casing				
	4.20"	UI/ Casing	0.017"	2.50lbs
466305 Series Casing				
	5.48"	UI/ Casing	0.017"	3.1lbs

(ULTRAFLEX can be made available in other materials and specified sizes—consult factory for more information)

