

### Applications & Specialized Products

#### High Crush Resistant (HCR) Hose

Universal Metal Hose manufactures metal hose specifically for high external pressure applications. This hose is fully interlocked, four wall, very flexible or "floppy" tubing that permits full extension or compression without binding or friction. Hose is available 5/32" through 4 1/4" inside diameter for general purpose applications. The following configurations have been designed specifically for extremely high external pressure service such undersea umbilical cable applications.



Nominal Inside Diameter (inches)	Part Number	Nominal outside Diameter (inches)	Material Thickness (inches)	Minimum Bend Radius (inches)	Maximum External Pressure (psig)	Weight Per Foot (pounds)
1/4	U-466300-2507	0.348	0.008	1.25	33,563	0.08
3/8	U-466300-3712	0.500	0.010	1.25	25796	0.16
1/2	U-466300-5100	0.625	0.012	2.25	13,968	0.18
5/8	U-466300-6214	0.750	0.012	2.50	9445	0.20
3/4	U-466300-7507	0.875	0.012	3.00	5012	0.37
1.0	U-466301-0007	1.205	0.019	4.75	8529	0.52
1-1/4	U-466301-2507H	1.480	0.022	6.00	6415	0.77
1-1/2	U-466301-5007H	1.750	0.022	7.00	4705	1.03
2.0	U-466302-0070	2.210	0.018	8.00	2773	1.15

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