

HEAT SHRINKABLE VINYL

FLEXIBLE • THIN-WALL • 2:1 • CROSS-LINKED

An extremely flexible general purpose tubing with high mechanical strength; ideal for jacketing and insulation. **HCX** will not cold flow, never melts, and is self-extinguishing. Maximum longitudinal shrinkage is 10%.

Compared with HVX (below), **HCX** is superior in flexibility and crack resistance and has slightly better mechanical strength.

Applicable Specifications: SAE-AMS-DTL-23053/2, Class 1
 UL File Number: E52612 (VW-1)
 Operating Temperature Range: -04°F (-20°C) to 221°F (105°C)
 Shrink Ratio: 2 to 1
 Shrink Temperature: 212°F (100°C)
 Recommended Heat Gun: 500°F
 Standard Colors: Black
 Standard Shipping Length: Spooled

PACKAGED ASSORTMENTS

Catalog Number	Tubing Sizes	6" Pieces Per Pkg.
HCX-HA1	3/64" thru 1/4"	60
HCX-HA2	3/8" thru 1"	40
HCX-HA3	1-1/2" thru 2"	14

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness		Std. Spools ft / spool
	inches	mm	inches	mm	inches	mm	
HCX-3/64	0.046	1.19	0.023	0.58	0.020	0.51	100, 1000
HCX-1/16	0.063	1.60	0.031	0.79	0.020	0.51	100, 1000
HCX-3/32	0.093	2.36	0.046	1.17	0.020	0.51	100, 500
HCX-1/8	0.125	3.18	0.063	1.60	0.025	0.64	100, 500
HCX-3/16	0.188	4.76	0.093	2.36	0.025	0.64	100, 500
HCX-1/4	0.250	6.35	0.125	3.18	0.025	0.64	100, 250
HCX-3/8	0.375	9.53	0.188	4.76	0.030	0.76	100, 200
HCX-1/2	0.500	12.70	0.250	6.35	0.030	0.76	100, 150
HCX-3/4	0.750	19.05	0.375	9.53	0.035	0.89	100, 250
HCX-1"	1.000	25.40	0.500	12.70	0.040	1.01	100, 250
HCX-1-1/2	1.500	38.10	0.750	19.05	0.045	1.14	25, 100
HCX-2"	2.000	50.80	1.000	25.40	0.050	1.27	25, 100

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HVX has the lowest shrink temperature of all **ProFIT** tubing and is especially applicable where higher shrinking temperature could damage enclosed or adjacent components. **HVX** is easily assembled over irregular shapes and forms a smooth, tight-fitting cover for excellent mechanical and electrical protection. When see-through insulation is required, note that **HVX** is available in clear.

Because it is more rigid than **HCX** (above), **HVX** is used for its shape retention characteristics during complex assembly or forming operations.

Note: **HVX** is heat-sensitive. MUST be stored at or below 70°F to avoid premature shrink back.

Applicable Specifications: SAE-AMS-DTL-23053/2, Class 2
 UL File Number: E52612 (VW-1)
 Operating Temperature Range: -04°F (-20°C) to 221°F (105°C)
 Shrink Ratio: 2 to 1
 Shrink Temperature: 212°F (100°C)
 Recommended Heat Gun: 300°F
 Standard Colors: Black, White, Red, Clear
 Standard Shipping Length: Spooled

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness		Std. Spools ft / spool
	inches	mm	inches	mm	inches	mm	
HVX-1/16	0.063	1.60	0.031	0.79	0.020	0.51	100, 1000
HVX-3/32	0.093	2.36	0.046	1.17	0.025	0.64	100, 1000
HVX-1/8	0.125	3.18	0.063	1.60	0.025	0.64	100, 1000
HVX-3/16	0.188	4.76	0.093	2.36	0.025	0.64	100, 1000
HVX-1/4	0.250	6.35	0.125	3.18	0.025	0.64	100, 1000
HVX-3/8	0.375	9.53	0.188	4.76	0.025	0.64	100, 500
HVX-1/2	0.500	12.70	0.250	6.35	0.025	0.64	100, 500
HVX-3/4	0.750	19.05	0.375	9.53	0.025	0.64	100, 500
HVX-1"	1.000	25.40	0.500	12.70	0.030	0.76	100, 500
HVX-1-1/2	1.500	38.10	0.750	19.05	0.035	0.89	100, 250
HVX-2"	2.000	50.80	1.000	25.40	0.040	1.01	100, 250