



## Heat Shrinkable Tubing 2:1 flexible and coloured

- HFT-A - self extinguishing

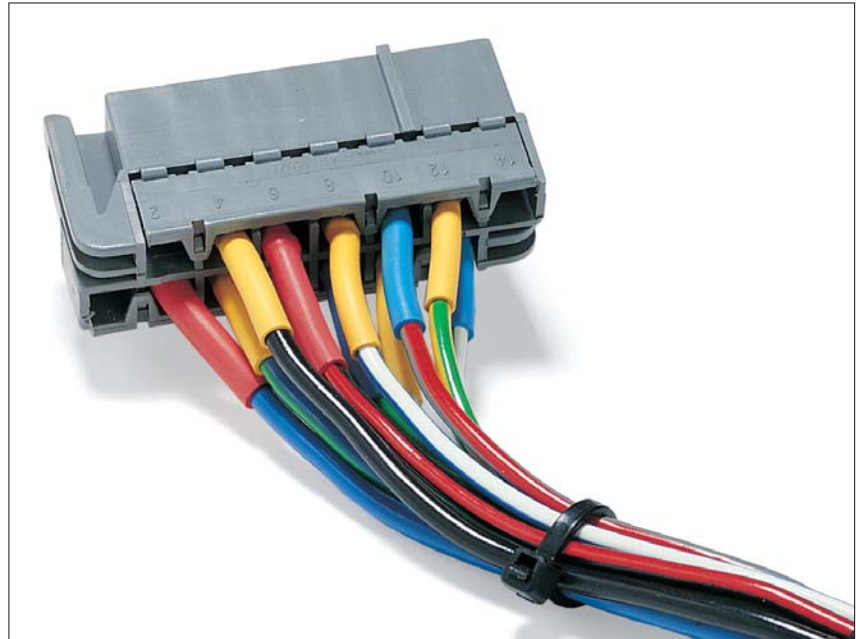
### Features and Benefits

This flexible heat shrink tubing has many excellent properties including fast shrinking, easy handling, good mechanical strength and resistance against chemicals and solvents. It is UL and CSA approved, easy to print on and available in a wide range of colours and internal diameters up to 4 inches (101.6mm).

### Application

This high performance thin wall tubing is used extensively for electrical and mechanical protection. It is also well proven for sleeve marking to identify wiring circuits. It shrinks uniformly to form a permanent insulation covering.

The transparent version is used for bundling and cable protection where visual inspection is required. It is often used as a see through protective sleeve over cable markers.



HFT-A conforms to major standards used in all Defence industries.



Standards available in colours black, red, blue, yellow and white.

### Material Data

Material	<b>Polyolefin, cross-linked (POX)</b>
Shrink Ratio	<b>2:1</b>
Longitudinal change after shrinkage	<b>-5% max.</b>
Minimum Shrink Temperature	<b>+100 °C</b>
Operating Temperature	<b>-55 °C to +135 °C</b>
Insulation Class	<b>B (VDE 0530)</b>
Dielectric Strength	<b>20 kV/mm according to IEC 60684 P2</b>
Flammability	<b>Self extinguishing</b>
Specification	<b>UL224 125 °C 600V, CSA, VG 95343, DEF STAN 59-97/3, SAE - AMS - DTL-23053 / 5C, MIL-DTL-23053/5C, NFF 00-608, Det Norske Veritas</b>



**MIL**

**DEF STAN**



**SAE**



® Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.



## Heat Shrinkable Tubing 2:1 flexible and coloured

### • HFT-A - self extinguishing

Technical Table

Article-No.	Type	Designation as per VG-Norm	Supplied Ø D	Recov. Ø d	Wall (WT)	Colour	Reel Length (m)
305-01200	HFT-A-1.2/0.6	VG 95343 T05 A 001A	1.2	0.6	0.40	Black (BK)	400
305-01202	HFT-A-1.2/0.6	VG 95343 T05 A 001 C	1.2	0.6	0.40	Red (RD)	100
305-01204	HFT-A-1.2/0.6	VG 95343 T05 A 001 E	1.2	0.6	0.40	Yellow (YE)	100
305-01206	HFT-A-1.2/0.6	VG 95343 T05 A 001 G	1.2	0.6	0.40	Blue (BU)	100
305-01209	HFT-A-1.2/0.6	VG 95343 T05 A 001 L	1.2	0.6	0.40	White (WH)	100
305-01600	HFT-A-1.6/0.8	VG 95343 T05 A 002 A	1.6	0.8	0.40	Black (BK)	400
305-01602	HFT-A-1.6/0.8	VG 95343 T05 A 002 C	1.6	0.8	0.40	Red (RD)	100
305-01604	HFT-A-1.6/0.8	VG 95343 T05 A 002 E	1.6	0.8	0.40	Yellow (YE)	100
305-01606	HFT-A-1.6/0.8	VG 95343 T05 A 002 G	1.6	0.8	0.40	Blue (BU)	100
305-01609	HFT-A-1.6/0.8	VG 95343 T05 A 002 L	1.6	0.8	0.40	White (WH)	100
305-02400	HFT-A-2.4/1.2	VG 95343 T05 A 003 A	2.4	1.2	0.50	Black (BK)	400
305-02402	HFT-A-2.4/1.2	VG 95343 T05 A 003 C	2.4	1.2	0.50	Red (RD)	100
305-02404	HFT-A-2.4/1.2	VG 95343 T05 A 003 E	2.4	1.2	0.50	Yellow (YE)	100
305-02406	HFT-A-2.4/1.2	VG 95343 T05 A 003 G	2.4	1.2	0.50	Blue (BU)	100
305-02409	HFT-A-2.4/1.2	VG 95343 T05 A 003 L	2.4	1.2	0.50	White (WH)	100
305-03200	HFT-A-3.2/1.6	VG 95343 T05 A 004 A	3.2	1.6	0.50	Black (BK)	400
305-03202	HFT-A-3.2/1.6	VG 95343 T05 A 004 C	3.2	1.6	0.50	Red (RD)	100
305-03204	HFT-A-3.2/1.6	VG 95343 T05 A 004 E	3.2	1.6	0.50	Yellow (YE)	100
305-03206	HFT-A-3.2/1.6	VG 95343 T05 A 004 G	3.2	1.6	0.50	Blue (BU)	100
305-03209	HFT-A-3.2/1.6	VG 95343 T05 A 004 L	3.2	1.6	0.50	White (WH)	100
305-03245	HFT-A-3.2/1.6	VG 95343 T05 A 004 N	3.2	1.6	0.50	Green-Yellow (GNYE)	100
305-04800	HFT-A-4.8/2.4	VG 95343 T05 A 005 A	4.8	2.4	0.50	Black (BK)	300
305-04802	HFT-A-4.8/2.4	VG 95343 T05 A 005 C	4.8	2.4	0.50	Red (RD)	75
305-04804	HFT-A-4.8/2.4	VG 95343 T05 A 005 E	4.8	2.4	0.50	Yellow (YE)	75
305-04806	HFT-A-4.8/2.4	VG 95343 T05 A 005 G	4.8	2.4	0.50	Blue (BU)	75
305-04809	HFT-A-4.8/2.4	VG 95343 T05 A 005 L	4.8	2.4	0.50	White (WH)	75
305-04845	HFT-A-4.8/2.4	VG 95343 T05 A 005 N	4.8	2.4	0.50	Green-Yellow (GNYE)	75
305-06400	HFT-A-6.4/3.2	VG 95343 T05 A 006 A	6.4	3.2	0.60	Black (BK)	300
305-06402	HFT-A-6.4/3.2	VG 95343 T05 A 006 C	6.4	3.2	0.60	Red (RD)	75
305-06404	HFT-A-6.4/3.2	VG 95343 T05 A 006 E	6.4	3.2	0.60	Yellow (YE)	75
305-06406	HFT-A-6.4/3.2	VG 95343 T05 A 006 G	6.4	3.2	0.60	Blue (BU)	75
305-06409	HFT-A-6.4/3.2	VG 95343 T05 A 006 L	6.4	3.2	0.60	White (WH)	75
305-06445	HFT-A-6.4/3.2	VG 95343 T05 A 006 N	6.4	3.2	0.60	Green-Yellow (GNYE)	75
305-09500	HFT-A-9.5/4.8	VG 95343 T05 A007 A	9.5	4.8	0.60	Black (BK)	150
305-09502	HFT-A-9.5/4.8	VG 95343 T05 A007 C	9.5	4.8	0.60	Red (RD)	50
305-09504	HFT-A-9.5/4.8	VG 95343 T05 A007 E	9.5	4.8	0.60	Yellow (YE)	50
305-09506	HFT-A-9.5/4.8	VG 95343 T05 A007 G	9.5	4.8	0.60	Blue (BU)	50
305-09509	HFT-A-9.5/4.8	VG 95343 T05 A007 L	9.5	4.8	0.60	White (WH)	50
305-09545	HFT-A-9.5/4.8	VG 95343 T05 A007 N	9.5	4.8	0.60	Green-Yellow (GNYE)	50
305-12700	HFT-A-12.7/6.4	VG 95343 T05 A 008 A	12.7	6.4	0.60	Black (BK)	100
305-12702	HFT-A-12.7/6.4	VG 95343 T05 A 008 C	12.7	6.4	0.60	Red (RD)	50
305-12704	HFT-A-12.7/6.4	VG 95343 T05 A 008 E	12.7	6.4	0.60	Yellow (YE)	50
305-12706	HFT-A-12.7/6.4	VG 95343 T05 A 008 G	12.7	6.4	0.60	Blue (BU)	50
305-12709	HFT-A-12.7/6.4	VG 95343 T05 A 008 L	12.7	6.4	0.60	White (WH)	50
305-12745	HFT-A-12.7/6.4	VG 95343 T05 A 008 N	12.7	6.4	0.60	Green-Yellow (GNYE)	50

Standards available in colours black, red, blue, yellow and white.



## Heat Shrinkable Tubing 2:1 flexible and coloured

- HFT-A - self extinguishing

Technical Table

Article-No.	Type	Designation as per VG-Norm	Supplied Ø D	Recov. Ø d	Wall (WT)	Colour	Reel Length (m)
305-19000	HFT-A-19.0/9.5	VG 95343 T05 A 009 A	19.0	9.5	0.80	Black (BK)	50
305-19002	HFT-A-19.0/9.5	VG 95343 T05 A 009 C	19.0	9.5	0.80	Red (RD)	25
305-19004	HFT-A-19.0/9.5	VG 95343 T05 A 009 E	19.0	9.5	0.80	Yellow (YE)	25
305-19006	HFT-A-19.0/9.5	VG 95343 T05 A 009 G	19.0	9.5	0.80	Blue (BU)	25
305-19009	HFT-A-19.0/9.5	VG 95343 T05 A 009 L	19.0	9.5	0.80	White (WH)	25
305-19045	HFT-A-19.0/9.5	VG 95343 T05 A 009 N	19.0	9.5	0.80	Green-Yellow (GNYE)	25
305-25400	HFT-A-25.4/12.7	VG 95343 T05 A 010 A	25.4	12.7	0.90	Black (BK)	25
305-25402	HFT-A-25.4/12.7	VG 95343 T05 A 010 C	25.4	12.7	0.90	Red (RD)	25
305-25404	HFT-A-25.4/12.7	VG 95343 T05 A 010 E	25.4	12.7	0.90	Yellow (YE)	25
305-25406	HFT-A-25.4/12.7	VG 95343 T05 A 010 G	25.4	12.7	0.90	Blue (BU)	25
305-25409	HFT-A-25.4/12.7	VG 95343 T05 A 010 L	25.4	12.7	0.90	White (WH)	25
305-25445	HFT-A-25.4/12.7	VG 95343 T05 A 010 N	25.4	12.7	0.90	Green-Yellow (GNYE)	25
305-38100	HFT-A-38.0/19.0	VG 95343 T05 A 011 A	38.0	19.0	1.00	Black (BK)	50
305-38102	HFT-A-38.0/19.0	VG 95343 T05 A 011 C	38.0	19.0	1.00	Red (RD)	50
305-38104	HFT-A-38.0/19.0	VG 95343 T05 A 011 E	38.0	19.0	1.00	Yellow (YE)	50
305-38106	HFT-A-38.0/19.0	VG 95343 T05 A 011 G	38.0	19.0	1.00	Blue (BU)	50
305-38109	HFT-A-38.0/19.0	VG 95343 T05 A 011 L	38.0	19.0	1.00	White (WH)	50
305-38145	HFT-A-38.0/19.0	VG 95343 T05 A 011 N	38.0	19.0	1.00	Green-Yellow (GNYE)	50
305-50800	HFT-A-50.8/25.4	VG 95343 T05 A 012 A	51.0	25.4	1.10	Black (BK)	35
305-50802	HFT-A-50.8/25.4	VG 95343 T05 A 012 C	51.0	25.4	1.10	Red (RD)	35
305-50804	HFT-A-50.8/25.4	VG 95343 T05 A 012 E	51.0	25.4	1.10	Yellow (YE)	35
305-50806	HFT-A-50.8/25.4	VG 95343 T05 A 012 G	51.0	25.4	1.10	Blue (BU)	35
305-50809	HFT-A-50.8/25.4	VG 95343 T05 A 012 L	51.0	25.4	1.10	White (WH)	35
305-76200	HFT-A-76.0/38.0	VG 95343 T05 A 013 A	76.0	38.0	1.30	Black (BK)	25
305-76202	HFT-A-76.0/38.0	VG 95343 T05 A 013 C	76.0	38.0	1.30	Red (RD)	25
305-76204	HFT-A-76.0/38.0	VG 95343 T05 A 013 E	76.0	38.0	1.30	Yellow (YE)	25
305-76206	HFT-A-76.0/38.0	VG 95343 T05 A 013 G	76.0	38.0	1.30	Blue (BU)	25
305-76209	HFT-A-76.0/38.0	VG 95343 T05 A 013 L	76.0	38.0	1.30	White (WH)	25
305-91600	HFT-A-101.6/50.8	VG 95343 T05 A 014 A	101.6	50.8	1.40	Black (BK)	25
305-91602	HFT-A-101.6/50.8	VG 95343 T05 A 014 C	101.6	50.8	1.40	Red (RD)	25
305-91604	HFT-A-101.6/50.8	VG 95343 T05 A 014 E	101.6	50.8	1.40	Yellow (YE)	25
305-91606	HFT-A-101.6/50.8	VG 95343 T05 A 014 G	101.6	50.8	1.40	Blue (BU)	25
305-91609	HFT-A-101.6/50.8	VG 95343 T05 A014 L	101.6	50.8	1.40	White (WH)	25