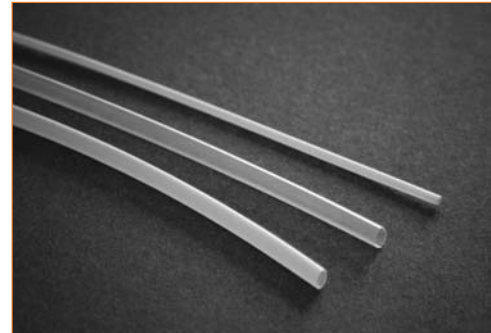


HKY - High temperature & fluid resistant, extra tough, semi rigid heat shrinkable tubing



Features & Benefits

- UL 224 VW - 1/CSA Approvals
- Excellent chemical resistance
- Excellent abrasion resistance
- 2:1 shrink ratio
- Operating temperature range -55°C to +175°C
- Minimum shrink temperature +155°C



Specifications

Agency	MILITARY
Meets the requirements of ;	MIL-1-23053/8
UL 224 VW- 1 150°C	Def Stan 59-97 Type 3
CSA	VG 95343 Part 5 Type F
SAE AMS-DTL-23053/8	
VG 95343 Part 5 Type F	
VDE 0341/Pt 9005	
BS 3G 198 Part 4	

Standard Colours & Colour Codes

Clear - X

Applications

HKY is an extremely tough, high temperature, thin wall insulation tubing. This transparent, non-burning, semi-rigid tubing has superior resistance to most industrial fuels, solvents and chemicals.

Designed for applications requiring strain relief at high temperatures up to +175°C, this product is unusually tough in its resistance to abrasion and cut through. Typical applications include high temperature applications, protection, strain relief, chemical resistance, mechanical and abrasion protection.

Inside Diameter		Wall Thickness	Standard Package	
Expanded as supplied (min)	Recovered after heating (max)	Total Wall recovered after heating (nom)	1.2 metre length quantity	
mm	mm	mm	mtrs	ORDERING DESCRIPTION
1.2	0.6	0.25	60	HKY-1.2/0.6-colour code-SP
1.6	0.8	0.25	60	HKY-1.6/0.8-colour code-SP
2.4	1.2	0.25	60	HKY-2.4/1.2-colour code-SP
3.2	1.6	0.25	60	HKY-3.2/1.6-colour code-SP
4.8	2.4	0.25	60	HKY-4.8/2.4-colour code-SP
6.4	3.2	0.30	30	HKY-6.4/3.2-colour code-SP
9.5	4.8	0.30	24	HKY-9.5/4.8-colour code-SP
12.7	6.4	0.30	24	HKY-12.7/6.4-colour code-SP
19.0	9.5	0.43	18	HKY-19.0/9.5-colour code-SP
25.4	12.7	0.48	12	HKY-25.4/12.7-colour code-SP

The largest size that will recover snugly over the component to be covered should be ordered. The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage. Other lengths, sizes and non-standard colours may be available subject to special orders.

Test	Test Method	Typical Performance
Heat Ageing:	IEC 60684 - 2 clause 39 (168h at 200°C)	Tensile strength: 15 MPa (min) Elongation: 75% (min)
Corrosion resistance:	IEC 60684 - 2 clause 33 (16h at 175°C)	No corrosion of mirrors
Flame propagation:	IEC 60684 - 2 clause 26 Method C	15s (max) Meets the requirements of UL 224 VW1
Fluid resistance:	IEC 60684 - 2 clause 36 Test fluids:	Tensile strength: 25 MPa (min) Ultimate elongation: 150% (min) Aircraft fuel to ISO1817 liquid F (70°C) Phosphate ester ISO1817 liquid 103 (23°C)