

# HellermannTyton

## DATA SHEET

## Kynar® : Heatshrinkable Tubing

### DESCRIPTION

Kynar® is an irradiated polyvinylidene fluoride heat shrinkable sleeving designed for use in high performance applications.

In addition to its excellent environmental performance KYNAR® has excellent mechanical properties including high resistance to impact, abrasion and cold flow.

### APPLICATION

KYNAR® is ideal for use in applications where long service life at high temperatures is required and in the presence of unfavorable chemicals. KYNAR® has a 2:1 shrink ratio and is available in a range of expanded diameters from 1.2 to 38.1mm.

### PROPERTIES

Properties	Typical Results	Test Method
Material	Polyvinylidene fluoride	
Continuous Operating Temp	-55°C to +175°C	IEC 216
Intermittent Temp (200 hrs)	+200°C	
Minimum Shrink Temp	+175°C	
Tensile Strength	45 MPa	ISO 37
Elongation	350%	ISO 37
Flammability	VW-1	UL 224
Dielectric Strength	32 kV/mm	IEC 243
Resistance to Acids Alkalis Oils Hydrocarbons Fuels Abrasion	Excellent Excellent Excellent Excellent Excellent Excellent	
Shelf Life (<40°C)	5 years	
Colour	Translucent	

### STANDARDS

Approved to: Def Stan 59-97 Type 3

Conforms to: UL224 (150°C) VW-1, MIL-I-23053/8, VG95343/5F.  
BS G 198-4 T 20



**Issue 4**

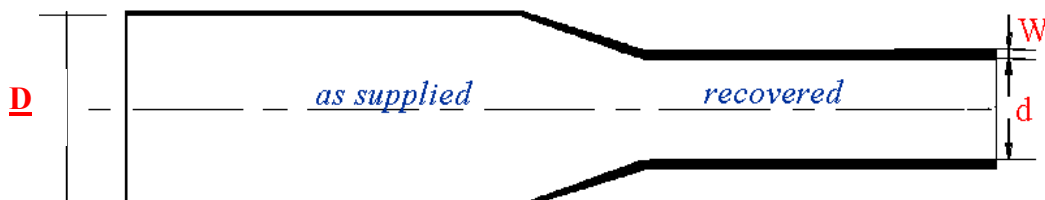
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KYNAR®	NOMINAL DIMENSIONS (MM)		
	<b>D</b>	<b>d</b>	<b>W</b>
12	1.2	0.6	0.25
16	1.6	0.8	0.25
24	2.4	1.2	0.25
32	3.2	1.6	0.25
48	4.8	2.4	0.25
64	6.4	3.2	0.30
95	9.5	4.8	0.30
127	12.7	6.4	0.30
191	19.1	9.5	0.43
254	25.4	12.7	0.48
381	38.1	19.1	0.51