

# PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **07H**

## **OSNH(TW) ZERO-HALOGEN (THIN WALL) HEATSHRINKABLE TUBING**

Siegrist OSNH(TW) is a flexible, heatshrinkable tubing, that conforms to Def. Stan. 59-97/3 Type 8, and has been successfully tested against the LUL code of practice for Fire Safety of Materials August 1990. OSNH(TW) is used where low fire hazard properties are mandatory, and in those areas where a high degree of reliability and safety is required.

This material is available in continuous lengths, cut sleeves or as cable markers printed to customer specification.

### **FEATURES**

- \* Zero Halogen material
- \* 2:1 shrink ratio
- \* Flexible

### **ORDERING INFORMATION AND DIMENSIONS (mm)**

<b>Siegrist Quantity Part No</b>	<b>I/D as Supplied (minimum)</b>	<b>I/D after Recovery (maximum)</b>	<b>Recovered Wall (nominal)</b>	<b>per reel</b>
SNH16(TW)	1.6	0.8	0.45	150m
SNH24(TW)	2.4	1.2	0.51	150m
SNH32(TW)	3.2	1.6	0.51	150m
SNH48(TW)	4.8	2.4	0.51	75m
SNH64(TW)	6.4	3.2	0.64	75m
SNH95(TW)	9.5	4.8	0.64	75m
SNH127(TW)	12.7	6.4	0.64	50m
SNH160(TW)	16.0	8.0	0.64	50m
SNH190(TW)	19.0	9.5	0.76	50m
SNH254(TW)	25.4	12.7	0.89	30m
SNH320(TW)	32.0	16.0	0.89	30m
SNH381(TW)	38.1	19.0	1.02	30m
SNH508(TW)	50.8	25.4	1.14	15m
SNH762(TW)	76.2	38.1	1.27	15m
SNH1016(TW)	101.6	50.8	1.40	15m

Standard reels as shown above

Standard colours are Black, Yellow and White, but other colours are available to special order.

### **AVERAGE PERFORMANCE DETAILS**

<b>Property (units)</b>	<b>Value</b>
Temperature Range	-40EC to + 105EC
Shrink Temperature	120EC
Tensile Strength (N/mm <sup>2</sup> )	10
Elongation at Break	250%
Secant Modulus (N/mm <sup>2</sup> )	110
Max. Longitudinal Change	+1%, -10%
Proof Voltage	25kV/mm(min)
<b>Low Fire Hazard Characteristics</b>	
Smoke Index	5
Toxicity Index	4
Flame Temperature Index	290
Flammability	Flame Retardant

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