

# PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **17H**

## OSR HEATSHRINKABLE POLYOLEFIN

Siegrist OSR is a semi-rigid, general purpose polyolefin material with a nominal shrink ratio of 2:1, and manufactured to Def. Stan. 59-97 Type 2a.

It's inherent properties make it particularly suitable for strain relief of such components as soldered connections and terminals.

OSR Heatshrink can be supplied in continuous reels, and can either be cut to length or printed and cut to customer requirements.

### FEATURES:

\* Continuous operating temperature range - 55°C to +135°C.

\* 2:1 Shrink Ratio.

\* Large range of sizes and colours available

\* UL/CSA/Def. Stan. Approved.

### ORDERING INFORMATION AND DIMENSIONS (mm)

Siegrist Quantity Part No reel (m)	I/D as Supplied (minimum)	I/D after Recovery (maximum)	Recovered Wall (nominal)	per
SR16	1.6	0.8	0.45	150
SR24	2.4	1.2	0.51	150
SR32	3.2	1.6	0.51	150
SR48	4.8	2.4	0.51	75
SR64	6.4	3.2	0.64	75
SR95	9.5	4.8	0.64	75
SR127	12.7	6.4	0.64	75
SR160	16.0	8.0	0.76	75
SR190	19.0	9.5	0.76	75
SR254	25.4	12.7	0.89	30
SR320	32.0	16.0	0.89	30
SR381	38.1	19.0	1.02	30
SR508	50.8	25.4	1.14	30
SR762	76.2	38.1	1.27	15
SR1016	101.6	50.8	1.40	15

Standard reels as shown above.

Standard colours are Black, Red, Yellow, Green, Blue, White and Trans\*, but other sizes and colours are available to special order.

\* Trans is not UL Approved, not flame retardant, nor available in sizes SR508, SR762 or SR1016

### AVERAGE PERFORMANCE DETAILS

Property (units)	Value
Temperature Range	-55°C to +135°C
Shrink Temperature	120°C
Tensile Strength (N/mm <sup>2</sup> )	16
Elongation at Break	400%
Secant Modulus (N/mm <sup>2</sup> )	130
Maximum Longitudinal change	± 5%
Flammability	Self extinguishing (except Trans)
Proof Voltage	20kV/mm (min)
Fluid Resistance	Good Resistance offered to:- Iso-octane/Toluene Kilfrost Def. Stan. 91-48

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