

PRODUCT INFORMATION



Product Reference: **OSCH (135)**

IDENTIFICATION AND PROTECTION SYSTEMS

COMMERCIAL HEATSHRINKABLE POLYOLEFIN (2:1)

Siegrist OSCH(135) is a very flexible, thin wall, flame retardant heat-shrinkable polyolefin tubing, for covering irregular shaped components and general purpose use.

OSCH(135) is designed to suit a wide range of applications and is applicable to many industries including white goods, automobile, telecommunications, computer hardware etc.

FEATURES:

- * Low cost, flame-retardant tubing.
- * Continuous operating temperature range - 40°C to +135°C.
- * Shrink temperature 120°C.
- * 2:1 shrink ratio.

ORDERING INFORMATION AND DIMENSIONS (mm)

Siegrist Part No	I/D as Supplied (minimum)	I/D after Recovery (maximum)	Recovered Wall (nominal)	Quantity per reel
SCH 12(135)	1.2	0.6	0.45	300 m
SCH 16(135)	1.6	0.8	0.45	300 m
SCH 24(135)	2.4	1.2	0.50	150 m
SCH 32(135)	3.2	1.6	0.50	150 m
SCH 48(135)	4.8	2.4	0.50	150 m
SCH 64(135)	6.4	3.2	0.65	75 m
SCH 95(135)	9.5	4.8	0.65	75 m
SCH 127(135)	12.7	6.4	0.65	75 m
SCH 191(135)	19.0	9.5	0.75	75 m
SCH 254(135)	25.4	12.7	0.90	30 m
SCH 381(135)	38.1	19.0	1.15	30 m
SCH 508(135)	50.8	25.4	1.15	30 m
SCH 762(135)	76.2	38.1	1.40	15 m
SCH 1016(135)	101.6	50.8	1.40	15 m

Standard reels as shown above

Standard colour Black, but other colours available

MATERIAL SPECIFICATION VALUES

Property (units)

Value

Physical:

Tensile Strength (N/mm ²)	14
Elongation (%)	400
Low temperature flex(°C)	-55
Longitudinal change % max	5

Electrical:

Dielectric strength (kV/mm)	20 (10 FOR PART NO OSCH 390)
Volume resistivity (ohm-cm) Min.	1×10^{13}

Chemical:

Water absorption %	0.5
Corrosion	Non corrosive
Flammability	Non burning
Specification reference	Def Stan 59-97 Type 2B, MIL-1-23053/5, UL224, 105°C

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