

SKNP – Technical Data Sheet

Product Data

Storage:

Cool dry place out of direct sunlight

Material:

polyvinylidene fluoride

Operating Temperature:

-55°C to +175°C

Pack Quantity Tolerance of Cut lengths:

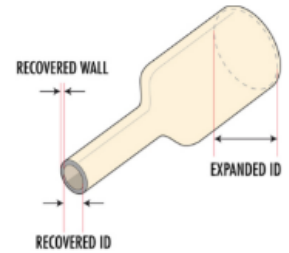
Under 5mm – Standard pack quantities
500 / 1000 pcs +/- 5%

Over 5mm – Standard pack quantities of
1000 +/- 2%

APPLICATION METHOD - SHRINK ON

Manufactured from OSKN Sumitube 'K', Siegrist SKNP Cable Sleeves and Sleeving is a translucent, semi-rigid, flame retarded, heat shrinkable polyvinylidene fluoride tubing that is generally manufactured to Def-Stan 59-97 Type 3 and BS 3G198 Part 4 Type 20.

- Very Flexible
- Fungus Resistant
- Flame Retardant
- RoHS Compliant



Order Information

PRODUCT REFERENCE	IS Supplied (min min)	ID Recovery (max mm)	WALL THICKNESS (NOM. MM)	Order Information
SKNP12	1.2	0.6	0.25	SKNP12TR
SKNP16	1.6	0.8	0.25	SKNP16TR
SKNP24	2.4	1.2	0.27	SKNP24TR
SKNP32	3.2	1.6	0.27	SKNP32TR
SKNP48	4.8	2.4	0.27	SKNP48TR
SKNP64	6.4	3.2	0.33	SKNP64TR
SKNP95	9.5	4.75	0.33	SKNP95TR
SKNP127	12.7	6.4	0.33	SKNP127TR
SKNP191	19.1	9.5	0.43	SKNP191TR
SKNP254	25.4	12.7	0.48	SKNP254TR

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Product Properties

Property	Result	Test Method
Operating Temperature	-55 up to 175°C	VG 95343-5
Longitudinal Change	-7%	SAE-AS23053
Specific Gravity	1,76	ASTM D 792
Tensile Strength	≥ 40 MPa	ASTM D 412
Elongation at Break	≥ 350%	ASTM D 412
Secant Modulus	≥ 840 MPa	ASTM D 882
Min. Shrink Temperature	170°C	Shrink curve
Shrinking starts at	130°C	Shrink curve
Heat Shock (300°C x 4h)	Pass	SAE-AS23053
Elongation after heat ageing (250°C x 168h)	≥ 200%	ASTM D 638
Low temperature flexibility (-55°C x 4h)	Pass	SAE-AS23053
Copper Corrosion (160°C x 16h)	Pass	SAE-AS23053
Clarity Stability (175°C x 24h)	Pass	SAE-AS23053
Flammability*	Pass	UL 224 / CSA
Water Absorption	≤ 0,2%	ASTM D 570
Fluid Resistance		
Tensile Strength (after immersion 24C x 24h)	Pass	SAE-AS23053
Dielectric Strength (after immersion 24°C x 24h)	Pass	SAE-AS23053
Fungus Resistance	Pass	SAE-AS23053
Voltage Rating	Pass	SAE-AS23053
Dielectric Voltage Withstand (2,5 kV x 60 s)	Pass	SAE-AS23053
Volume Resistivity	≥ 10 ¹⁵ Ohm/cm	ASTM D 876
Dielectric Strength (> 1/2 inch)	≥ 30 KV/mm	SAE-AS23053
Dielectric Strength (≤ 1/2 inch)	≥ 35 KV/mm	SAE-AS23053

*Results derived from UL registered product

Business Management Accreditations



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