SUMITUBE ™ KH200 (TW)

HIGH TEMPERATURE FLEXIBLE FLUID RESISTANT FLUOROPOLYMER HEAT SHRINK TUBING

PRODUCT FEATURES;

- SAE AS 23053/18 QUALIFIED
- LOW OUTGASSING
- ROHS COMPLIANT/LEAD-FREE
- ABRASION RESISTANT

- SHRINK TEMPERATURE : MIN 130 °C
- CONTINUOUS OPERATING TEMP: - 70 TO 200 °C AND UP TO 300 °C FOR SHORT PERIODS.

BASIC PROPERTIES

- MATERIAL : FLUOROPOLYMER
- SHRINK RATIO : 2:1 THIN WALL
- COLOR : BLACK (-0), CLEAR (C)

- PROPERTIES :

NOMINAL SIZE	As Supplied		After Recovery			
	Inside Diameter As Supplied (Minimum) Inch	(MM)	Inside Diameter After recovery (Maximum) Inch	(MM)	Wall Thickness (NOMINAL) Inch	(MM)
1/8	.125	(3.20)	.062	(1.60)	.010	(0.25)
3/16	.187	(4.80)	.093	(2.40)	.010	(0.25)
1/4	.250	(6.40)	.125	(3.20)	.012	(0.30)
3/8	.375	(9.50)	.187	(4.80)	.012	(0.30)
1/2	.500	(12.70)	.250	(6.80)	.012	(0.30)
3/4	.750	(19.10)	.375	(9.50)	.017	(0.43)
1	1.00	(25.40)	.500	(12.70)	.019	(0.48)

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PERFORMANCES			
PROPERTIES	ITEMS	REQUIRE-MENTS	TEST METHOD
PHYSICAL	TENSILE STRENGTH ELONGATION (BEFORE AGING) LOW TEMP. FLEXIBILITY HEAT SHOCK SPECIFIC GRAVITY	MIN 10.3 MPa MIN 200% No Crack No Flowing MAX 2.00	SAE AS 23053 5.13 ASTM D 412 - 16 SAE AS 23053 5.13 ASTM D 412 - 16 SAE AS 23053 5.7 ASTM D 2671 -21 SAE AS 23053 5.8 ASTM D 2671 -21 SAE AS 23053 5.2 ASTM D 792 -20
ELECTRICAL	DIELECTRIC STRENGTH VOLUME RESISTIVITY	MIN 15.7KV/MIN MIN 1.X 10^{11} Ωcm	SAE AS 23053 5.2 ASTM D 2671 -21 SAE AS 23053 5.2 ASTM D 876 -21
CHEMICAL	COPPER CORROSION FLAMMABILITY FLUID RESISTANCE -MIL PRF 5605 -MIL DTL 83133 -MIL PRF 7808 -A-A-694 -AMS 1424	RESISTANT NON-TRAN MIN 6.3 MPa TENSILE MIN 100% ELONGATION MIN 15.7 KV/ mm Dielectric	SAE AS 23053 5.10 ASTM D 2671-21 SAE AS 23053 5.14 ASTM D 2671-21 SAE AS 23053 5.11 ASTM D 2671-21
FUNGUS RESISTANCE	FUNGUS RESISTANCE PER TENSILE/ELONGATION/DI-ELECTRICY	RESISTANT	SAE AS 23053 5.17 ISO 846:2019
Foot Note: * REFERENCE ONLY			

ORDERING INFORMATION

COLOR	BLACK (0), CLEAR (C)
PACKAGING	SPOOLED
ORDERING EXAMPLE:	

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

915 ARMORLITE DR. SAN MARCOS, CA 92069

760-761-0600 **info@SEIPUSA.COM**

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DIMENSIONS ARE SHOWN FOR REFERENCE PURPOSES AND SUBJECT TO CHANGE WITHOUT NOTICE.

2026/08