

SUPPLEMENTAL INFORMATION SHEET FOR QPL SAE AS23053

QUALIFICATIONS HAVE BEEN VALIDATED
(Frequency: 3 Years)
BY VERIFICATION TESTING

QPL-23053-7
27 January 2023

SUPPLEMENTAL INFORMATION SHEET FOR QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER SAE AEROSPACE STANDARD
SAE AS23053
INSULATION SLEEVING, ELECTRICAL, HEAT SHRINKABLE

This list has been prepared for use by or for the Government in the acquisition of products covered by the subject non-Government standard and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest adopted issue of the applicable non-Government standard. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the manufacturer from compliance with the non-Government standard requirements.

The activity responsible for this qualified products list and for qualification approval is the Naval Air Systems Command, AB43300, 48298 Shaw Rd., Building 1461, Patuxent River, Maryland 20670-1900. M , , listed at the end of this QPL.

THIS DOCUMENT IS AN OFFICIAL SUPPLEMENTAL INFORMATION SHEET OF THE PRODUCTS TRANSFORMED TO AN EQUIVALENT QUALIFICATION DATA SET (QDS). USERS OF THIS DOCUMENT MUST VISIT THE QUALIFIED PRODUCTS DATABASE (QPD) TO VERIFY QUALIFICATION INFORMATION. PLEASE VISIT [HTTP://ASSIST.DAPS.DLA.MIL/ONLINE/START/](http://assist.daps.dla.mil/online/start/) TO ACCESS INFORMATION. YOU MUST HAVE A USERNAME AND PASSWORD TO ENTER SITE. ONCE LOGGED IN CHOO E QPD F OM HE SIDE MENU. YOU CAN SEARCH BY QPL NUMBER, DOCUMENT NUMBER, GOVERNING SPEC, TITLE, FSC, GOVERNMENT DESIGNATION, NON-GOVERNMENT (NGS) DESIGNATION, MANUFACTURER DESIGNATION, OR SOURCE NAME.

QPL-23053-7

SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE	
M23053/1-101-0	Sumitube R10 1/4" black	Sumitomo Electric Japan 11148303.AA/02-01-2019	
M23053/1-102-0	Sumitube R10 3/8" black		
M23053/1-103-0	Sumitube R10 1/2" black		
M23053/1-104-0	Sumitube R10 5/8" black		
M23053/1-105-0	Sumitube R10 3/4" black		
M23053/1-106-0	Sumitube R10 7/8" black		
M23053/1-107-0	Sumitube R10 1" black		
M23053/1-108-0	Sumitube R10 1 1/4" black		
M23053/1-109-0	Sumitube R10 1 1/2" black		
M23053/1-110-0	Sumitube R10 1 3/4" black		
M23053/1-111-0	Sumitube R10 2" black		
M23053/1-112-0	Sumitube R10 3" black		
M23053/1-113-0	Sumitube R10 4" black		
M23053/1-101-0	Sumitube R 1/4" black	Sumitomo Electric Japan 11148303.AA/02-01-2019 (Continued)	
M23053/1-102-0	Sumitube R 3/8" black		
M23053/1-103-0	Sumitube R 1/2" black		
M23053/1-104-0	Sumitube R 5/8" black		
M23053/1-105-0	Sumitube R 3/4" black		
M23053/1-106-0	Sumitube R 7/8" black		
M23053/1-107-0	Sumitube R 1" black		
M23053/1-108-0	Sumitube R 1 1/4" black		
M23053/1-109-0	Sumitube R 1 1/2" black		
M23053/1-110-0	Sumitube R 1 3/4" black		
M23053/1-111-0	Sumitube R 2" black		
M23053/1-112-0	Sumitube R 3" black		
M23053/1-113-0	Sumitube R 4" black		
	MARKER SLEEVE CONTINUOUS TUBING FOR SUMIMARK PRINTERS		
M23053/1-101-0	Sumimark SM3-16 1/4" black	Sumitomo Electric Japan 11148303.AA/02-01-2019 (Continued)	
M23053/1-102-0	Sumimark SM3-16 3/8" black		
M23053/1-103-0	Sumimark SM3-16 1/2" black		
M23053/1-104-0	Sumimark SM3-16 5/8" black		
M23053/1-105-0	Sumimark SM3-16 3/4" black		
M23053/1-106-0	Sumimark SM3-16 7/8" black		
M23053/1-107-0	Sumimark SM3-16 1" black		
M23053/1-108-0	Sumimark SM3-16 1 1/4" black		
M23053/1-109-0	Sumimark SM3-16 1 1/2" black		
M23053/1-110-0	Sumimark SM3-16 1 3/4" black		
M23053/1-111-0	Sumimark SM3-16 2" black		
M23053/1-201-0	Sumitube R10 1/4" black		
M23053/1-202-0	Sumitube R10 3/8" black		

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
M23053/1-203-0	Sumitube R10 1/2" black	
M23053/1-204-0	Sumitube R10 5/8" black	
M23053/1-205-0	Sumitube R10 3/4" black	
M23053/1-206-0	Sumitube R10 7/8" black	
M23053/1-207-0	Sumitube R10 1" black	
M23053/1-208-0	Sumitube R10 1 1/4" black	
M23053/1-209-0	Sumitube R10 1 1/2" black	
M23053/1-210-0	Sumitube R10 1 3/4" black	
M23053/1-211-0	Sumitube R10 2" black	
M23053/1-212-0	Sumitube R10 3" black	
M23053/1-213-0	Sumitube R10 4" black	
M23053/1-201-0	Sumitube R 1/4" black	
M23053/1-202-0	Sumitube R 3/8" black	
M23053/1-203-0	Sumitube R 1/2" black	
M23053/1-204-0	Sumitube R 5/8" black	
M23053/1-205-0	Sumitube R 3/4" black	
M23053/1-206-0	Sumitube R 7/8" black	
M23053/1-207-0	Sumitube R 1" black	
M23053/1-208-0	Sumitube R 1 1/4" black	
M23053/1-209-0	Sumitube R 1 1/2" black	
M23053/1-210-0	Sumitube R 1 3/4" black	
M23053/1-211-0	Sumitube R 2" black	
M23053/1-212-0	Sumitube R 3" black	
M23053/1-213-0	Sumitube R 4" black	

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE
CONTINUOUS TUBING FOR
SUMIMARK PRINTERS**

M23053/1-201-0
M23053/1-202-0
M23053/1-203-0
M23053/1-204-0
M23053/1-205-0
M23053/1-206-0
M23053/1-207-0
M23053/1-208-0
M23053/1-209-0
M23053/1-210-0
M23053/1-211-0

Sumimark SM3-16 1/4" black
Sumimark SM3-16 3/8" black
Sumimark SM3-16 1/2" black
Sumimark SM3-16 5/8" black
Sumimark SM3-16 3/4" black
Sumimark SM3-16 7/8" black
Sumimark SM3-16 1" black
Sumimark SM3-16 1 1/4" black
Sumimark SM3-16 1 1/2" black
Sumimark SM3-16 1 3/4" black
Sumimark SM3-16 2" black

Sumitomo Electric Japan
11148303.AA/02-01-2019
(Continued)

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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BULK TUBING (SPOOLED)

M23053/4-201-*	Sumitube O2B2S 1/4"	Sumitomo Electric 11122703.AA/06-19-2018
M23053/4-202-*	Sumitube O2B2S 3/8"	
M23053/4-203-*	Sumitube O2B2S 1/2"	
M23053/4-204-*	Sumitube O2B2S 3/4"	

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M23053/4-201-*	Sumitube O2B2 1/4"
M23053/4-202-*	Sumitube O2B2 3/8"
M23053/4-203-*	Sumitube O2B2 1/2"
M23053/4-204-*	Sumitube O2B2 3/4"

****MARKER SLEEVE TUBING
FOR SUMIMARK PRINTERS**

M23053/4-201-*	Sumimark SM3-24-1/4"
M23053/4-202-*	Sumimark SM3-24-3/8"
M23053/4-203-*	Sumimark SM3-24-1/2"
M23053/4-204-*	Sumimark SM3-24-3/4"

BULK TUBING (SPOOLED)

M23053/4-302-*	Sumitube W3B2S 1/4"
M23053/4-303-*	Sumitube W3B2S 1/2"

****MARKER SLEEVE TUBING
FOR SUMIMARK PRINTERS**

M23053/4-302-*	Sumimark SM3-25-1/4"
M23053/4-303-*	Sumimark SM3-25-1/2"

* = COLOR SEE AS23053

** SUMIMARK TUBING
AVAILABLE ON SPOOLS
ONLY.

M23053/4-301-*	Sumitube W3B2 1/8"(3/1)	Sumitomo Electric - Germany 11148403.AA/02-01-2019
M23053/4-302-*	Sumitube W3B2 1/4"(6/2)	
M23053/4-303-*	Sumitube W3B2 1/2"(12/4)	

* = COLOR SEE AS23053

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
M23053/4-101-*	Sumitube W5DL 1/8"	Sumitomo Electric Japan
M23053/4-102-*	Sumitube W5DL 3/16"	11148303.AA/02-01-2019
M23053/4-103-*	Sumitube W5DL 1/4"	
M23053/4-104-*	Sumitube W5DL 3/8"	
M23053/4-105-*	Sumitube W5DL 1/2"	
M23053/4-106-*	Sumitube W5DL 3/4"	
M23053/4-107-*	Sumitube W5DL 1"	
M23053/4-108-*	Sumitube W5DL 300/050/100	
M23053/4-201-*	Sumitube O2B2 1/4"	
M23053/4-202-*	Sumitube O2B2 3/8"	
M23053/4-203-*	Sumitube O2B2 1/2"	
M23053/4-204-*	Sumitube O2B2 3/4"	
M23053/4-205-*	Sumitube O2B2 1"	
M23053/4-206-*	Sumitube O2B2 1 1/2"	
M23053/4-201-*	Sumitube O2B2S 1/4"	
M23053/4-202-*	Sumitube O2B2S 3/8"	
M23053/4-203-*	Sumitube O2B2S 1/2"	
M23053/4-204-*	Sumitube O2B2S 3/4"	
M23053/4-205-*	Sumitube O2B2S 1"	
M23053/4-206-*	Sumitube O2B2S 1 1/2"	
MARKER SLEEVE CONTINUOUS TUBING FOR SUMIMARK PRINTERS		
M23053/4-201-*	Sumimark SM3-24 1/4"	
M23053/4-202-*	Sumimark SM3-24 3/8"	
M23053/4-203-*	Sumimark SM3-24 1/2"	
M23053/4-204-*	Sumimark SM3-24 3/4"	
M23053/4-205-*	Sumimark SM3-24 1"	
M23053/4-206-*	Sumimark SM3-24 1 1/2"	

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE
CONTINUOUS TUBING FOR
SUMIMARK PRINTERS**

M23053/4-301-*	Sumitube W3B2 1/8" (3/1)	Sumitomo Electric Japan 11148303.AA/02-01-2019 (continued)
M23053/4-302-*	Sumitube W3B2 1/4" (6/2)	
M23053/4-303-*	Sumitube W3B2 1/2" (12/4)	
M23053/4-304-*	Sumitube W3B2 1" (24/8)	
M23053/4-305-*	Sumitube W3B2 1 1/2" (40/13)	
M23053/4-301-*	Sumitube W3B2S 1/8" (3/1)	
M23053/4-302-*	Sumitube W3B2S 1/4" (6/2)	
M23053/4-303-*	Sumitube W3B2S 1/2" (12/4)	
M23053/4-304-*	Sumitube W3B2S 1" (24/8)	
M23053/4-305-*	Sumitube W3B2S 1 1/2" (40/13)	

**MARKER SLEEVE
CONTINUOUS TUBING FOR
SUMIMARK PRINTERS**

M23053/4-301-*	Sumimark SM3-25 1/8" (3/1)
M23053/4-302-*	Sumimark SM3-25 1/4" (6/2)
M23053/4-303-*	Sumimark SM3-25 1/2" (12/4)
M23053/4-304-*	Sumimark SM3-25 1" (24/8)
M23053/4-305-*	Sumimark SM3-25 1 1/2" (40/13)
M23053/4-301-*	Sumitube W3B2(4X) 4/1
M23053/4-302-*	Sumitube W3B2(4X) 8/2
M23053/4-303-*	Sumitube W3B2(4X) 16/4
M23053/4-304-*	Sumitube W3B2(4X) 24/6
M23053/4-305-*	Sumitube W3B2(4X) 32/8

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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BULK TUBING (SPOOLED)

SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
		Sumitomo Electric
		11122703.AA/06-19-2018
M23053/5-101-*	B2 3/64	
M23053/5-102-*	B2 1/16	
M23053/5-103-*	B2 3/32	
M23053/5-104-*	B2 1/8	
M23053/5-105-*	B2 3/16	
M23053/5-106-*	B2 1/4	
M23053/5-107-*	Sumitube B2 3/8	
M23053/5-108-*	B2 1/2	
M23053/5-109-*	B2 3/4	
M23053/5-110-*	B2 1	
M23053/5-111-*	B2 1 1/2 -*	
M23053/5-112-*	B22 -*	

TUBING FOR SUMIMARK PRINTERS

	Sumimark SM3-12 -1/16
M23053/5-102-*	
M23053/5-103-*	Sumimark SM3-12 3/32
M23053/5-104-*	Sumimark SM3-12 1/8
M23053/5-105-*	Sumimark SM3-12 3/16
M23053/5-106-*	Sumimark SM3-12 1/4
M23053/5-107-*	Sumimark SM3-12 3/8
M23053/5-108-*	Sumimark SM3-12 1/2
M23053/5-109-*	Sumimark SM3-12 3/4

****MARKER SLEEVE CONTINUOUS**

TUBING FOR SUMITAG PRINTERS

M23053/5-101-*	HPC-1/16-*.30M -SPL-2X
M23053/5-102-*	HPC-3/32-*.30M -SPL-2X
M23053/5-103-*	HPC-1/8-*.30M -SPL-2X
M23053/5-104-*	HPC-3/16-*.30M -SPL-2X
M23053/5-105-*	HPC-1/4-*.30M -SPL-2X
M23053/5-106-*	HPC-3/8-*.30M -SPL-2X
M23053/5-107-*	HPC-1/2-*.30M -SPL-2X
M23053/5-108-*	HPC-3/4-*.30M -SPL-2X
M23053/5-109-*	HPC-1/16-*.30M -SPL-2X
M23053/5-110-*	HPC-1-*.20M -SPL-2X
M23053/5-111-*	HPC-1 1/2-*.20M -SPL-2X

* = COLOR SEE AS23053**SUMITAG HPC SERIES PRODUCTS
ARE SOLD AS 30 METER LENGTHS
ON SPOOLS ONLY.

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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BULK TUBING (SPOOLED)

M23053/5-203-C	A2 3/32	Sumitomo Electric 11122703.AA/06-19-2018
M23053/5-204-C	Sum A2 1/8	(continued)
M23053/5-205-C	A2 3/16	
M23053/5-206-C	A2 1/4	
M23053/5-207-C	A2 3/8	
M23053/5-208-C	A2 1/2	

MARKER SLEEVE CONTINUOUS

M23053/5-110-*	Sumimark SM3-12 1
M23053/5-111-*	Sumimark SM3-12 1 1/2
M23053/5-203-C	Sumimark SM3-13 3/32
M23053/5-204-C	Sumimark SM3-13 1/8
M23053/5-205-C	Sumimark SM3-13 3/16
M23053/5-206-C	Sumimark SM3-13 1/4
M23053/5-207-C	Sumimark SM3-13 3/8
M23053/5-208-C	Sumimark SM3-13 1/2
M23053/5-209-C	Sumimark SM3-13 3/4

BULK TUBING (SPOOLED)

M23053/5-301-*	B2 3/64
M23053/5-302-*	B2 1/16
M23053/5-303-*	B2 3/32
M23053/5-304-*	B2 1/8
M23053/5-305-*	B2 3/16
M23053/5-306-*	Sumitube B2 1/4
M23053/5-307-*	B2 3/8
M23053/5-308-*	B2 1/2
M23053/5-309-*	B2 3/4
M23053/5-404-*	B2(3) 3/16
M23053/5-405-*	Sumitube B2(3X) 1/4"
M23053/5-406-*	B2(3) 3/8
M23053/5-407-*	Sumitube B2(3) 1/2
M23053/5-408-*	B2(3) 3/4
M23053/5-409-*	B2(3) 1

* = COLOR SEE AS23053
C = CLEAR

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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*****MARKER SLEEVE CONTINUOUS
TUBING FOR SUMIMARK PRINTERS**

Sumitomo Electric
11122703.AA/06-19-2018
(continued)

M23053/5-301-*	Sumimark SM3-12-3/64"
M23053/5-302-*	Sumimark SM3-12 -1/16
M23053/5-303-*	Sumimark SM3-12 3/32
M23053/5-304-*	Sumimark SM3-12 1/8
M23053/5-305-*	Sumimark SM3-12 3/16
M23053/5-306-*	Sumimark SM3-12 1/4
M23053/5-307-*	Sumimark SM3-12 3/8
M23053/5-308-*	Sumimark SM3-12 1/2
M23053/5-309-*	Sumimark SM3-12 3/4
M23053/5-310-*	Sumimark SM3-12 1
M23053/5-311-*	Sumimark SM3-12 1 1/2
M23053/5-404-*	Sumimark SM3-23 3/16
M23053/5-405-*	Sumimark SM3-23 1/4
M23053/5-406-*	Sumimark SM3-23 3/8
M23053/5-407-*	Sumimark SM3-23 1/2
M23053/5-408-*	Sumimark SM3-23 3/4
M23053/5-409-*	Sumimark SM3-23 1
M23053/5-410-*	Sumimark SM3-23 1 1/2

****MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

M23053/5-302-*	HPC-1/16-*-30M -SPL-2X
M23053/5-303-*	HPC-3/32-*-30M -SPL-2X
M23053/5-304-*	HPC-1/8-*-30M -SPL-2X
M23053/5-305-*	HPC-3/16-*-30M -SPL-2X
M23053/5-306-*	HPC-1/4-*-30M -SPL-2X
M23053/5-307-*	HPC-3/8-*-30M -SPL-2X
M23053/5-308-*	HPC-1/2-*-30M -SPL-2X
M23053/5-309-*	HPC-3/4-*-30M -SPL-2X
M23053/5-310-*	HPC-1-*-20M -SPL-2X
M23053/5-311-*	HPC-1 1/2-*-20M -SPL-2X
M23053/5-404-*	HPC- 3/16-*-30M-SPL-3X
M23053/5-405-*	HPC- 1/ 4-*-30M-SPL-3X
M23053/5-406-*	HPC- 1/ 4-*-30M-SPL-3X
M23053/5-407-*	HPC- 3/8-*-30M-SPL-3X

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
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****MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

M23053/5-408-*
M23053/5-409-*
M23053/5-410-*

HPC- 3/4-* -30M-SPL-3X
HPC- 1-* -20M-SPL-3X
HPC- 1.5-* -20M-SPL-3X

Sumitomo Electric
11122703.AA/06-19-2018
(continued)

* = COLOR SEE AS23053**SUMITAG HPC SERIES PRODUCTS
ARE SOLD AS 30 METER LENGTHS
ON SPOOLS ONLY.

*** SUMIMARK TUBING
AVAILABLE ON SPOOLS ONLY.

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/5-101-*	B2 3/64	Sumitomo Electric - Germany 11148403.AA/02-01-2019
M23053/5-102-*	B2 1/16	
M23053/5-103-*	B2 3/32	
M23053/5-104-*	B2 1/8	
M23053/5-105-*	B2 3/16	
M23053/5-106-*	B2 1/4	
M23053/5-107-*	B2 3/8	
M23053/5-108-*	B2 1/2	
M23053/5-109-*	B2 3/4	
M23053/5-110-*	B2 1	
M23053/5-101-*	B20 3/64	
M23053/5-102-*	B20 1/16	
M23053/5-103-*	B20 3/32	
M23053/5-104-*	B20 1/8	
M23053/5-105-*	Sumitub B20 3/16	
M23053/5-106-*	B20 1/4	
M23053/5-107-*	B20 3/8	
M23053/5-108-*	B20 1/2	
M23053/5-109-*	B20 3/4	
M23053/5-110-*	B20 1	
M23053/5-301-*	B2 3/64	
M23053/5-302-*	Sumitube B2 1/16	
M23053/5-303-*	B2 3/32	
M23053/5-304-*	B2 1/8	
M23053/5-305-*	B2 3/16	
M23053/5-306-*	B2 1/4	
M23053/5-307-*	B2 3/8	
M23053/5-308-*	B2 1/2	
M23053/5-309-*	B2 3/4	
M23053/5-310-*	B2 1	

* = COLOR SEE AS23053

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/5-101-*	Sumitube B2 3/64"	Sumitomo Electric Japan
M23053/5-102-*	Sumitube B2 1/16"	11148303.AA/02-01-2019
M23053/5-103-*	Sumitube B2 3/32"	
M23053/5-104-*	Sumitube B2 1/8"	
M23053/5-105-*	Sumitube B2 3/16"	
M23053/5-106-*	Sumitube B2 1/4"	
M23053/5-107-*	Sumitube B2 3/8"	
M23053/5-108-*	Sumitube B2 1/2"	
M23053/5-109-*	Sumitube B2 3/4"	
M23053/5-110-*	Sumitube B2 1"	
M23053/5-111-*	Sumitube B2 1 1/2"	
M23053/5-112-*	Sumitube B2 2"	
M23053/5-113-*	Sumitube B2 3"	
M23053/5-114-*	Sumitube B2 4"	

**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMIMARK
PRINTERS**

M23053/5-101-*	Sumimark SM3-12 3/64"
M23053/5-102-*	Sumimark SM3-12 1/16"
M23053/5-103-*	Sumimark SM3-12 3/32"
M23053/5-104-*	Sumimark SM3-12 1/8"
M23053/5-105-*	Sumimark SM3-12 3/16"
M23053/5-106-*	Sumimark SM3-12 1/4"
M23053/5-107-*	Sumimark SM3-12 3/8"
M23053/5-108-*	Sumimark SM3-12 1/2"
M23053/5-109-*	Sumimark SM3-12 3/4"
M23053/5-110-*	Sumimark SM3-12 1"
M23053/5-111-*	Sumimark SM3-12 1 1/2"
M23053/5-112-*	Sumimark SM3-12 2"

QPL-23053-7

SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/5-101-*	Sumitube B20 3/64"	Sumitomo Electric Japan
M23053/5-102-*	Sumitube B20 1/16"	11148303.AA/02-01-2019
M23053/5-103-*	Sumitube B20 3/32"	(Continued)
M23053/5-104-*	Sumitube B20 1/8"	
M23053/5-105-*	Sumitube B20 3/16"	
M23053/5-106-*	Sumitube B20 1/4"	
M23053/5-107-*	Sumitube B20 3/8"	
M23053/5-108-*	Sumitube B20 1/2"	
M23053/5-109-*	Sumitube B20 3/4"	
M23053/5-110-*	Sumitube B20 1"	
M23053/5-111-*	Sumitube B20 1 1/2"	
M23053/5-112-*	Sumitube B20 2"	
M23053/5-113-*	Sumitube B20 3"	
M23053/5-114-*	Sumitube B20 4"	

MARKER SLEEVE CONTINUOUS TUBING FOR SUMITAG PRINTERS
inch / (metric sizes)

M23053/5-102-*	HPC-1/16"-**-30M-SPL-2X / (HPC-016-30M-**-2X)
M23053/5-103-*	HPC- 3/32"-**-30M-SPL-2X / (HPC-024-30M-**-2X)
M23053/5-104-*	HPC-1/8"-**-30M-SPL-2X / (HPC-032-30M-**-2X)
M23053/5-105-*	HPC-3/16"-**-30M-SPL-2X / (HPC-048-30M-**-2X)
M23053/5-106-*	HPC-1/4"-**-30M-SPL-2X / (HPC-064-30M-**-2X)
M23053/5-107-*	HPC-3/8"-**-30M-SPL-2X / (HPC-095-30M-**-2X)
M23053/5-108-*	HPC-1/2"-**-30M-SPL-2X / (HPC-127-30M-**-2X)
M23053/5-109-*	HPC-3/4"-**-30M-SPL-2X / (HPC-191-30M-**-2X)
M23053/5-110-*	HPC-1"-**-20M-SPL-2X / (HPC-254-20M-**-2X)
M23053/5-111-*	HPC-1.5"-**-20M-SPL-2X / (HPC-381-20M-**-2X)
M23053/5-112-*	HPC-2"-**-15M-SPL-2X / (HPC-508-15M-**-2X)

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

M23053/5-102-*	MIL-016-30M-**-2X
M23053/5-103-*	MIL-024-30M-**-2X
M23053/5-104-*	MIL-032-30M-**-2X
M23053/5-105-*	MIL-048-30M-**-2X
M23053/5-106-*	MIL-064-30M-**-2X
M23053/5-107-*	MIL-095-30M-**-2X
M23053/5-108-*	MIL-127-30M-**-2X
M23053/5-109-*	MIL-191-30M-**-2X
M23053/5-110-*	MIL-254-20M-**-2X
M23053/5-111-*	MIL-381-20M-**-2X
M23053/5-112-*	MIL-508-15M-**-2X
M23053/5-115-*	Sumitube B2(4XC) 1"
M23053/5-116-*	Sumitube B2(4XC) 2"
M23053/5-117-*	Sumitube B2(4XC) 3"
M23053/5-119-*	Sumitube B2(4XC) 1 1/2"
M23053/5-121-*	Sumitube B2(4XC) 3"

Sumitomo Electric Japan
11148303.AA/02-01-2019
(Continued)

**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMIMARK
PRINTERS**

M23053/5-115-*	Sumimark SM3-41 1"
M23053/5-116-*	Sumimark SM3-41 2"
M23053/5-119-*	Sumimark SM3-41 1 1/2"
M23053/5-201-C	Sumitube A2 3/64"
M23053/5-202-C	Sumitube A2 1/16"
M23053/5-203-C	Sumitube A2 3/32"
M23053/5-204-C	Sumitube A2 1/8"
M23053/5-205-C	Sumitube A2 3/16"
M23053/5-206-C	Sumitube A2 1/4"
M23053/5-207-C	Sumitube A2 3/8"
M23053/5-208-C	Sumitube A2 1/2"
M23053/5-209-C	Sumitube A2 3/4"
M23053/5-210-C	Sumitube A2 1"
M23053/5-211-C	Sumitube A2 1 1/2"
M23053/5-212-C	Sumitube A2 2"
M23053/5-213-C	Sumitube A2 3"
M23053/5-214-C	Sumitube A2 4"

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMIMARK
PRINTERS**

M23053/5-202-C	Sumimark SM3-13 1/16"
M23053/5-203-C	Sumimark SM3-13 3/32"
M23053/5-204-C	Sumimark SM3-13 1/8"
M23053/5-205-C	Sumimark SM3-13 3/16"
M23053/5-206-C	Sumimark SM3-13 1/4"
M23053/5-207-C	Sumimark SM3-13 3/8"
M23053/5-208-C	Sumimark SM3-13 1/2"
M23053/5-209-C	Sumimark SM3-13 3/4"
M23053/5-210-C	Sumimark SM3-13 1"
M23053/5-211-C	Sumimark SM3-13 1 1/2"

Sumitomo Electric Japan
11148303.AA/02-01-2019
(Continued)

**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

M23053/5-202-C	MIL-016-30M-TR-2X
M23053/5-203-C	MIL-024-30M-TR-2X
M23053/5-204-C	MIL-032-30M-TR-2X
M23053/5-205-C	MIL-048-30M-TR-2X
M23053/5-206-C	MIL-064-30M-TR-2X
M23053/5-207-C	MIL-095-30M-TR-2X
M23053/5-208-C	MIL-127-30M-TR-2X
M23053/5-209-C	MIL-191-30M-TR-2X
M23053/5-210-C	MIL-254-20M-TR-2X
M23053/5-211-C	MIL-381-20M-TR-2X
M23053/5-212-C	MIL-508-15M-TR-2X
M23053/5-301-*	Sumitube B2 3/64"
M23053/5-302-*	Sumitube B2 1/16"
M23053/5-303-*	Sumitube B2 3/32"
M23053/5-304-*	Sumitube B2 1/8"
M23053/5-305-*	Sumitube B2 3/16"
M23053/5-306-*	Sumitube B2 1/4"
M23053/5-307-*	Sumitube B2 3/8"
M23053/5-308-*	Sumitube B2 1/2"
M23053/5-309-*	Sumitube B2 3/4"
M23053/5-310-*	Sumitube B2 1"
M23053/5-311-*	Sumitube B2 1 1/2"

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMIMARK**

PRINTERS

M23053/5-301-*	Sumimark SM3-12 3/64"
M23053/5-302-*	Sumimark SM3-12 1/16"
M23053/5-303-*	Sumimark SM3-12 3/32"
M23053/5-304-*	Sumimark SM3-12 1/8"
M23053/5-305-*	Sumimark SM3-12 3/16"
M23053/5-306-*	Sumimark SM3-12 1/4"
M23053/5-307-*	Sumimark SM3-12 3/8"
M23053/5-308-*	Sumimark SM3-12 1/2"
M23053/5-309-*	Sumimark SM3-12 3/4"
M23053/5-310-*	Sumimark SM3-12 1"
M23053/5-311-*	Sumimark SM3-12 1 1/2"

Sumitomo Electric Japan
11148303.AA/02-01-2019
(Continued)

**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

inch / (metric sizes)

M23053/5-302-*	HPC-1/16"-**-30M-SPL-2X / (HPC-016-30M-**-2X)
M23053/5-303-*	HPC- 3/32"-**-30M-SPL-2X / (HPC-024-30M-**-2X)
M23053/5-304-*	HPC-1/8"-**-30M-SPL-2X / (HPC-032-30M-**-2X)
M23053/5-305-*	HPC-3/16"-**-30M-SPL-2X / (HPC-048-30M-**-2X)
M23053/5-306-*	HPC-1/4"-**-30M-SPL-2X / (HPC-064-30M-**-2X)
M23053/5-307-*	HPC-3/8"-**-30M-SPL-2X / (HPC-095-30M-**-2X)
M23053/5-308-*	HPC-1/2"-**-30M-SPL-2X / (HPC-127-30M-**-2X)
M23053/5-309-*	HPC-3/4"-**-30M-SPL-2X / (HPC-191-30M-**-2X)
M23053/5-310-*	HPC-1"-**-20M-SPL-2X / (HPC-254-20M-**-2X)
M23053/5-311-*	HPC-1.5"-**-20M-SPL-2X / (HPC-381-20M-**-2X)

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS
TUBING FOR SUMITAG PRINTERS**

M23053/5-302-*	MIL-016-30M-**-2X	Sumitomo Electric Japan 11148303.AA/02-01-2019
M23053/5-303-*	MIL-024-30M-**-2X	(Continued)
M23053/5-304-*	MIL-032-30M-**-2X	
M23053/5-305-*	MIL-048-30M-**-2X	
M23053/5-306-*	MIL-064-30M-**-2X	
M23053/5-307-*	MIL-095-30M-**-2X	
M23053/5-308-*	MIL-127-30M-**-2X	
M23053/5-309-*	MIL-191-30M-**-2X	
M23053/5-310-*	MIL-254-20M-**-2X	
M23053/5-311-*	MIL-381-20M-**-2X	
M23053/5-312-*	MIL-508-15M-**-2X	

* = COLOR SEE AS23053

**color codes

SUMITAG PRODUCTS ARE SOLD AS 15 METER, 20METER LENGTHS ON SPOOL ONLY

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/5-101-*	B2 3/64	Sumi-Pac Corporation 11148703.AA/02-01-2019
M23053/5-102-*	B2 1/16	
M23053/5-103-*	B2 3/32	
M23053/5-104-*	B2 1/8	
M23053/5-105-*	B2 3/16	
M23053/5-106-*	B2 1/4	
M23053/5-107-*	B2 3/8	
M23053/5-108-*	B2 1/2	
M23053/5-109-*	B2 3/4	
M23053/5-110-*	B2 1	
BULK TUBING		
M23053/5-201-*	A2 3/64	
M23053/5-202-*	A2 1/16	
M23053/5-203-*	A2 3/32	
M23053/5-204-*	A2 1/8	
M23053/5-205-*	A2 3/16	
M23053/5-206-*	A2 1/4	
M23053/5-207-*	A2 3/8	
M23053/5-208-*	A2 1/2	
M23053/5-209-*	A2 3/4	
M23053/5-210-*	A2 1	
M23053/5-301-*	B2 3/64	
M23053/5-302-*	B2 1/16	
M23053/5-303-*	B2 3/32	
M23053/5-304-*	B2 1/8	
M23053/5-305-*	B2 3/16	
M23053/5-306-*	B2 1/4	
M23053/5-307-*	B2 3/8	
M23053/5-308-*	B2 1/2	
M23053/5-309-*	B2 3/4	
M23053/5-310-*	Sumitube B2 1	

* = COLOR SEE AS23053

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FACE NAME AND QUALIFICATION TEST REFERENCE
M23053/8-001-C	K 3/64	Sumitomo Electric Japan
M23053/8-002-C	K 1/16	11148303.AA/02-01-2019
M23053/8-003-C	K 3/32	
M23053/8-004-C	K 1/8	
M23053/8-005-C	K 3/16	
M23053/8-006-C	K 1/4	
M23053/8-007-C	K 3/8	
M23053/8-008-C	K 1/2	
M23053/8-009-C	K 3/4	
M23053/8-010-C	K 1	
M23053/8-011-C	Sumit K 1 1/2	

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/13-001-*	Sumitube FE3 3/16"	Sumitomo Electric Japan 11148303.AA/02-01-2019
M23053/13-002-*	Sumitube FE3 1/4"	
M23053/13-003-*	Sumitube FE3 3/8"	
M23053/13-004-*	Sumitube FE3 1/2"	
M23053/13-005-*	Sumitube FE3 5/8"	
M23053/13-006-*	Sumitube FE3 3/4"	
M23053/13-007-*	Sumitube FE3 7/8"	
M23053/13-008-*	Sumitube FE3 1"	
M23053/13-009-*	Sumitube FE3 1 1/4"	
M23053/13-010-*	Sumitube FE3 1 1/2"	
M23053/13-011-*	Sumitube FE3 2"	
M23053/13-012-*	Sumitube FE3 1/8"	
M23053/13-001-*	Sumitube KH200 or KH230 3/16"	
M23053/13-002-*	Sumitube KH200 or KH230 1/4"	
M23053/13-003-*	Sumitube KH200 or KH230 3/8"	
M23053/13-004-*	Sumitube KH200 or KH230 1/2"	
M23053/13-005-*	Sumitube KH200 or KH230 5/8"	
M23053/13-006-*	Sumitube KH200 or KH230 3/4"	
M23053/13-007-*	Sumitube KH200 or KH230 7/8"	
M23053/13-008-*	Sumitube KH200 or KH230 1"	
M23053/13-012-*	Sumitube KH200 or KH230 1/8"	

**MARKER SLEEVE CONTINUOUS TUBING FOR
SUMIMARK PRINTERS**

M23053/13-001-*	Sumimark SM3-60 3/16"
M23053/13-002-*	Sumimark SM3-60 1/4"
M23053/13-003-*	Sumimark SM3-60 3/8"
M23053/13-004-*	Sumimark SM3-60 1/2"
M23053/13-005-*	Sumimark SM3-60 5/8"
M23053/13-006-*	Sumimark SM3-60 3/4"
M23053/13-007-*	Sumimark SM3-60 7/8"
M23053/13-008-*	Sumimark SM3-60 1"
M23053/13-009-*	Sumimark SM3-60 1 1/4"
M23053/13-010-*	Sumimark SM3-60 1 1/2"

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS TUBING FOR
SUMITAG PRINTERS
inch / (metric)**

Sumitomo Electric Japan
11148303.AA/02-01-2019
(Continued)

M23053/13-001-*	HVT-3/16"-**-30M-SPL-2X / (HVT-048-30M-**-2X)
M23053/13-002-*	HVT-1/4"-**-30M-SPL-2X / (HVT-064-30M-**-2X)
M23053/13-003-*	HVT-3/8"-**-30M-SPL-2X / (HVT-095-30M-**-2X)
M23053/13-004-*	HVT-1/2"-**-30M-SPL-2X / (HVT-127-30M-**-2X)
M23053/13-006-*	HVT-3/4"-**-30M-SPL-2X / (HVT-191-30M-**-2X)
M23053/13-008-*	HVT-1"-**-15M-SPL-2X / (HVT-254-15M-**-2X)
M23053/13-010-*	HVT-1.5"-**-15M-SPL-2X / (HVT-381-15M-**-2X)
M23053/13-011-*	HVT-2"-**-15M-SPL-2X / (HVT-508-15M-**-2X)
M23053/13-012-*	HVT-1/8"-**-30M-SPL-2X / (HVT-032-30M-**-2X)

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
M23053/16-001-0	Sumitube R120 1/4"	Sumitomo Electric Japan 11148303.AA/02-01-2019
M23053/16-002-0	Sumitube R120 3/8"	
M23053/16-003-0	Sumitube R120 1/2"	
M23053/16-004-0	Sumitube R120 3/4"	
M23053/16-005-0	Sumitube R120 1"	
M23053/16-006-0	Sumitube R120 1 1/2"	
M23053/16-007-0	Sumitube R120 2"	
M23053/16-008-0	Sumitube R120 3"	
M23053/16-009-0	Sumitube R120 4"	
M23053/16-001-0	Sumitube AN25 1/4"	
M23053/16-002-0	Sumitube AN25 3/8"	
M23053/16-003-0	Sumitube AN25 1/2"	
M23053/16-004-0	Sumitube AN25 3/4"	
M23053/16-005-0	Sumitube AN25 1"	
M23053/16-006-0	Sumitube AN25 1 1/2"	
M23053/16-007-0	Sumitube AN25 2"	
M23053/16-008-0	Sumitube AN25 3"	
M23053/16-009-0	Sumitube AN25 4"	
M23053/16-001-0	Sumitube FR25 1/4"	
M23053/16-002-0	Sumitube FR25 3/8"	
M23053/16-003-0	Sumitube FR25 1/2"	
M23053/16-004-0	Sumitube FR25 3/4"	
M23053/16-005-0	Sumitube FR25 1"	
M23053/16-006-0	Sumitube FR25 1 1/2"	
M23053/16-007-0	Sumitube FR25 2"	
M23053/16-008-0	Sumitube FR25 3"	
M23053/16-009-0	Sumitube FR25 4"	

* = COLOR
SEE AS23053

* = COLOR SEE AS23053

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SPECIFICATION DESIGNATION	MAN FACE DESIGNATION	MAN FACENAME AND QUALIFICATION TEST REFERENCE
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M23053/18-101-*	Sumitube K2 3/64"	Sumitomo Electric Japan
M23053/18-102-*	Sumitube K2 1/16"	11148303.AA/02-01-2019
M23053/18-103-*	Sumitube K2 3/32"	
M23053/18-104-*	Sumitube K2 1/8"	
M23053/18-105-*	Sumitube K2 3/16"	
M23053/18-106-*	Sumitube K2 1/4"	
M23053/18-107-*	Sumitube K2 3/8"	
M23053/18-108-*	Sumitube K2 1/2"	
M23053/18-109-*	Sumitube K2 3/4"	
M23053/18-110-*	Sumitube K2 1"	
M23053/18-111-*	Sumitube K2 1 1/2"	
M23053/18-112-*	Sumitube K2 2"	

**MARKER SLEEVE CONTINUOUS TUBING
FOR SUMITAG PRINTERS inch / (metric
sizes)**

M23053/18-104-*	HTC-1/8-**-30M-SPL-2X / (HTC-032-30M-**-2X)
M23053/18-105-*	HTC-3/16-**-30M-SPL-2X / (HTC-048-30M-**-2X)
M23053/18-106-*	HTC-1/4-**-30M-SPL-2X / (HTC-064-30M-**-2X)
M23053/18-107-*	HTC-3/8-**-30M-SPL-2X / (HTC-095-30M-**-2X)
M23053/18-108-*	HTC-1/2-**-30M-SPL-2X / (HTC-127-30M-**-2X)
M23053/18-109-*	HTC-3/4-**-30M-SPL-2X / (HTC-191-30M-**-2X)
M23053/18-110-*	HTC-1-**-20M-SPL-2X / (HTC-254-20M-**-2X)
M23053/18-111-*	HTC-1.5-**-20M-SPL-2X / (HTC-381-15M-**-2X)

M23053/18-304-*	Sumitube K3 1/8"
M23053/18-305-*	Sumitube K3 3/16"
M23053/18-306-*	Sumitube K3 1/4"
M23053/18-307-*	Sumitube K3 3/8"
M23053/18-308-*	Sumitube K3 1/2"
M23053/18-309-*	Sumitube K3 3/4"
M23053/18-310-*	Sumitube K3 1"

M23053/18-304-*	Sumitube KH200(TW) or KH230(TW) 1/8"
M23053/18-305-*	Sumitube KH200(TW) or KH230(TW) 3/16"
M23053/18-306-*	Sumitube KH200(TW) or KH230(TW) 1/4"
M23053/18-307-*	Sumitube KH200(TW) or KH230(TW) 3/8"
M23053/18-308-*	Sumitube KH200(TW) or KH230(TW) 1/2"
M23053/18-309-*	Sumitube KH200(TW) or KH230(TW) 3/4"
M23053/18-310-*	Sumitube KH200(TW) or KH230(TW) 1"

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SPECIFICATION DESIGNATION	MAN FAC E DESIGNATION	MAN FAC E NAME AND QUALIFICATION TEST REFERENCE
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**MARKER SLEEVE CONTINUOUS TUBING
FOR SUMIMARK PRINTERS**

M23053/18-304-*	Sumimark SM3-31 1/8"	Sumitomo Electric Japan 11148303.AA/02-01-2019
M23053/18-305-*	Sumimark SM3-31 3/16"	(continued)
M23053/18-306-*	Sumimark SM3-31 1/4"	
M23053/18-307-*	Sumimark SM3-31 3/8"	
M23053/18-308-*	Sumimark SM3-31 1/2"	
M23053/18-309-*	Sumimark SM3-31 3/4"	
M23053/18-310-*	Sumimark SM3-31 1"	

* See AS23053 for
color codes

**color codes

SUMITAG PRODUCTS ARE SOLD AS
15 METER, 20METER, OR 30METER LENGTHS ON SPOOL ONLY

	BULK TUBING	Sumi-Pac Corporation 11148703.AA/02-01-2019
M23053/18-101-*	K2 3/64	
M23053/18-102-*	Sumitube K2 1/16	
M23053/18-103-*	K2 3/32	
M23053/18-104-*	K2 1/8	
M23053/18-105-*	K2 3/16	
M23053/18-106-*	K2 1/4	
M23053/18-107-*	K2 3/8	
M23053/18-108-*	K2 1/2	
M23053/18-109-*	K2 3/4	
M23053/18-110-*	K2 1	

* = COLOR SEE AS23053