



Heat Shrink Tubing Military Specifications

Mil-Spec		Nelco P/N & Size (in.)		Mil-Spec		Nelco P/N & Size (in.)		Mil-Spec		Nelco P/N & Size (in.)	
		Class 1				Class 3				Class 2 (Clear)	
M23053/5-	101-*	NP-221	3/64	M23053/5-	301-*	NP-221VW	3/64	M23053/5-	201-C	NP-221	3/64
M23053/5-	102-*	NP-221	1/16	M23053/5-	302-*	NP-221VW	1/16	M23053/5-	202-C	NP-221	1/16
M23053/5-	103-*	NP-221	3/32	M23053/5-	303-*	NP-221VW	3/32	M23053/5-	203-C	NP-221	3/32
M23053/5-	104-*	NP-221	1/8	M23053/5-	304-*	NP-221VW	1/8	M23053/5-	204-C	NP-221	1/8
M23053/5-	105-*	NP-221	3/16	M23053/5-	305-*	NP-221VW	3/16	M23053/5-	205-C	NP-221	3/16
M23053/5-	106-*	NP-221	1/4	M23053/5-	306-*	NP-221VW	1/4	M23053/5-	206-C	NP-221	1/4
M23053/5-	107-*	NP-221	3/8	M23053/5-	307-*	NP-221VW	3/8	M23053/5-	207-C	NP-221	3/8
M23053/5-	108-*	NP-221	1/2	M23053/5-	308-*	NP-221VW	1/2	M23053/5-	208-C	NP-221	1/2
M23053/5-	109-*	NP-221	3/4	M23053/5-	309-*	NP-221VW	3/4	M23053/5-	209-C	NP-221	3/4
M23053/5-	110-*	NP-221	1	M23053/5-	310-*	NP-221VW	1	M23053/5-	210-C	NP-221	1
M23053/5-	111-*	NP-221	1 1/2	M23053/5-	311-*	NP-221VW	1 1/2	M23053/5-	211-C	NP-221	1 1/2
M23053/5-	112-*	NP-221	2	M23053/5-	312-*	NP-221VW	2	M23053/5-	212-C	NP-221	2
M23053/5-	113-*	NP-221	3	M23053/5-	313-*	NP-221VW	3	M23053/5-	213-C	NP-221	3
M23053/5-	114-*	NP-221	4	M23053/5-	314-*	NP-221VW	4	M23053/5-	214-C	NP-221	4

Mil-Spec		Nelco P/N & Size (in)		Mil-Spec		Nelco P/N & Size (in)	
		Class 1				Class 2	
M23053/1-	101-0	NP-600	1/4	M23053/1-	201-0	NP-600	1/4
M23053/1-	102-0	NP-600	3/8	M23053/1-	202-0	NP-600	3/8
M23053/1-	103-0	NP-600	1/2	M23053/1-	203-0	NP-600	1/2
M23053/1-	104-0	NP-600	5/8	M23053/1-	204-0	NP-600	5/8
M23053/1-	105-0	NP-600	3/4	M23053/1-	205-0	NP-600	3/4
M23053/1-	106-0	NP-600	7/8	M23053/1-	206-0	NP-600	7/8
M23053/1-	107-0	NP-600	1	M23053/1-	207-0	NP-600	1
M23053/1-	108-0	NP-600	1-1/4	M23053/1-	208-0	NP-600	1-1/4
M23053/1-	109-0	NP-600	1-1/2	M23053/1-	209-0	NP-600	1-1/2
M23053/1-	110-0	NP-600	1-3/4	M23053/1-	210-0	NP-600	1-3/4
M23053/1-	111-0	NP-600	2	M23053/1-	211-0	NP-600	2
M23053/1-	112-0	NP-600	3	M23053/1-	212-0	NP-600	3
M23053/1-	113-0	NP-600	4	M23053/1-	213-0	NP-600	4

Color Designator	
Dash	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple (Violet)
8	Grey
9	White
C	Clear

Mil-Spec		Nelco P/N & Size (in)	
		Class 2	
M23053/2-	201-*	NP-105	3/64
M23053/2-	202-*	NP-105	1/16
M23053/2-	203-*	NP-105	3/32
M23053/2-	204-*	NP-105	1/8
M23053/2-	205-*	NP-105	3/16
M23053/2-	206-*	NP-105	1/4
M23053/2-	207-*	NP-105	3/8
M23053/2-	208-*	NP-105	1/2
M23053/2-	209-*	NP-105	3/4
M23053/2-	210-*	NP-105	1
M23053/2-	211-*	NP-105	1-1/2
M23053/2-	212-*	NP-105	2

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Mil-Spec				Mil-Spec				Mil-Spec			
Class 1		Nelco P/N & Size (in)		Class 2		Nelco P/N & Size (in)		Class 3		Nelco P/N & Size (in)	
M23053/4-	101-*	NP-300	1/8	M23053/4-	201-*	NP-750	1/4	M23053/4-	301-*	NP-321	1/8
M23053/4-	102-*	NP-300	3/16	M23053/4-	202-*	NP-750	3/8	M23053/4-	302-*	NP-321	1/4
M23053/4-	103-*	NP-300	1/4	M23053/4-	203-*	NP-750	1/2	M23053/4-	303-*	NP-321	1/2
M23053/4-	104-*	NP-300	3/8	M23053/4-	204-*	NP-750	3/4	M23053/4-	304-*	NP-321	1
M23053/4-	105-*	NP-300	1/2	M23053/4-	205-*	NP-750	1	M23053/4-	305-*	NP-321	1-1/2
M23053/4-	106-*	NP-300	3/4	M23053/4-	206-*	NP-750	1-1/2	M23053/4-	307-*	NP-321	3/8
M23053/4-	107-*	NP-300	1								

Mil-Spec				Mil-Spec			
Class 1 (Black)		Nelco P/N & Size (in)		Class 2 (Clear)		Nelco P/N & Size (in)	
M23053/6-	101-0	NP-295	3/64	M23053/6-	201-C	NP-295	3/64
M23053/6-	102-0	NP-295	1/16	M23053/6-	202-C	NP-295	1/16
M23053/6-	103-0	NP-295	3/32	M23053/6-	203-C	NP-295	3/32
M23053/6-	104-0	NP-295	1/8	M23053/6-	204-C	NP-295	1/8
M23053/6-	105-0	NP-295	3/16	M23053/6-	205-C	NP-295	3/16
M23053/6-	106-0	NP-295	1/4	M23053/6-	206-C	NP-295	1/4
M23053/6-	107-0	NP-295	3/8	M23053/6-	207-C	NP-295	3/8
M23053/6-	108-0	NP-295	1/2	M23053/6-	208-C	NP-295	1/2

Color Designator	
Dash	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple (Violet)
8	Grey
9	White
C	Clear

Mil-Spec				Mil-Spec			
(Clear)		Nelco P/N & Size (in)		(Black)		Nelco P/N & Size (in)	
M23053/8-	001-C	NP-350	3/64	M23053/13-	001-0	NP-650	3/16
M23053/8-	002-C	NP-350	1/16	M23053/13-	002-0	NP-650	1/4
M23053/8-	003-C	NP-350	3/32	M23053/13-	003-0	NP-650	3/8
M23053/8-	004-C	NP-350	1/8	M23053/13-	004-0	NP-650	1/2
M23053/8-	005-C	NP-350	3/16	M23053/13-	005-0	NP-650	5/8
M23053/8-	006-C	NP-350	1/4	M23053/13-	006-0	NP-650	3/4
M23053/8-	007-C	NP-350	3/8	M23053/13-	007-0	NP-650	7/8
M23053/8-	008-C	NP-350	1/2	M23053/13-	008-0	NP-650	1
M23053/8-	009-C	NP-350	3/4	M23053/13-	009-0	NP-650	1-1/4
M23053/8-	010-C	NP-350	1	M23053/13-	010-0	NP-650	1-1/2
M23053/8-	011-C	NP-350	1-1/2	M23053/13-	011-0	NP-650	2

Mil-Spec				Mil-Spec			
Class 1 (Black)		Nelco P/N & Size (in)		Class 2 (Black)		Nelco P/N & Size	
M23053/15-	101-0	NP-700HD	.80	M23053/15-	201-0	NP-700MD	.40
M23053/15-	102-0	NP-700HD	1.10	M23053/15-	202-0	NP-700MD	.80
M23053/15-	103-0	NP-700HD	1.50	M23053/15-	203-0	NP-700MD	1.10
M23053/15-	104-0	NP-700HD	2.00	M23053/15-	204-0	NP-700MD	1.30
M23053/15-	105-0	NP-700HD	3.00	M23053/15-	205-0	NP-700MD	1.50
M23053/15-	106-0	NP-700HD	4.50	M23053/15-	206-0	NP-700MD	1.70
M23053/15-	107-0	NP-700HD	.30	M23053/15-	207-0	NP-700MD	3.00
M23053/15-	108-0	NP-700HD	.40	M23053/15-	208-0	NP-700MD	2.00
M23053/15-	111-0	NP-700HD	2.70				
M23053/15-	112-0	NP-700HD	4.50				
M23053/15-	113-0	NP-700HD	6.00				
M23053/15-	114-0	NP-700HD	7.00				

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Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)			
Class 1 (Clear)				Class 2 (Clear or Black)				Class 3 (Clear)			
M23053/18-	101-C	NP-350	3/64	M23053/18-	201-*	NP-352	3/64	M23053/18-	301-C	NP-353	3/64
M23053/18-	102-C	NP-350	1/16	M23053/18-	202-*	NP-352	1/16	M23053/18-	302-C	NP-353	1/16
M23053/18-	103-C	NP-350	3/32	M23053/18-	203-*	NP-352	3/32	M23053/18-	303-C	NP-353	3/32
M23053/18-	104-C	NP-350	1/8	M23053/18-	204-*	NP-352	1/8	M23053/18-	304-C	NP-353	1/8
M23053/18-	105-C	NP-350	3/16	M23053/18-	205-*	NP-352	3/16	M23053/18-	305-C	NP-353	3/16
M23053/18-	106-C	NP-350	1/4	M23053/18-	206-*	NP-352	1/4	M23053/18-	306-C	NP-353	1/4
M23053/18-	107-C	NP-350	3/8	M23053/18-	207-*	NP-352	3/8	M23053/18-	307-C	NP-353	3/8
M23053/18-	108-C	NP-350	1/2	M23053/18-	208-*	NP-352	1/2	M23053/18-	308-C	NP-353	1/2
M23053/18-	109-C	NP-350	3/4	M23053/18-	209-*	NP-352	3/4	M23053/18-	309-C	NP-353	3/4
M23053/18-	110-C	NP-350	1	M23053/18-	210-*	NP-352	1	M23053/18-	310-C	NP-353	1
M23053/18-	111-C	NP-350	1-1/2								
M23053/18-	112-C	NP-350	2								

Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)			
Class 1 (1.3:1) Clear				Class 2 (1.6:1) Clear			
M23053/11-	101-C	FEP-HS 1.3:1	24 awg (.031)	M23053/11-	201-C	FEP-HS 1.6:1	3/32
M23053/11-	102-C	FEP-HS 1.3:1	22 awg (.036)	M23053/11-	202-C	FEP-HS 1.6:1	1/8
M23053/11-	103-C	FEP-HS 1.3:1	20 awg (.045)	M23053/11-	203-C	FEP-HS 1.6:1	3/16
M23053/11-	104-C	FEP-HS 1.3:1	18 awg (.060)	M23053/11-	204-C	FEP-HS 1.6:1	1/4
M23053/11-	105-C	FEP-HS 1.3:1	16 awg (.075)	M23053/11-	205-C	FEP-HS 1.6:1	3/8
M23053/11-	106-C	FEP-HS 1.3:1	14 awg (.092)	M23053/11-	206-C	FEP-HS 1.6:1	1/2
M23053/11-	107-C	FEP-HS 1.3:1	12 awg (.115)	M23053/11-	207-C	FEP-HS 1.6:1	3/4
M23053/11-	108-C	FEP-HS 1.3:1	10 awg (.141)	M23053/11-	208-C	FEP-HS 1.6:1	1
M23053/11-	109-C	FEP-HS 1.3:1	9 awg (.158)	M23053/11-	209-C	FEP-HS 1.6:1	1-1/2
M23053/11-	110-C	FEP-HS 1.3:1	8 awg (.180)	M23053/11-	210-C	FEP-HS 1.6:1	2
M23053/11-	111-C	FEP-HS 1.3:1	7 awg (.197)				
M23053/11-	112-C	FEP-HS 1.3:1	6 awg (.225)				
M23053/11-	113-C	FEP-HS 1.3:1	5 awg (.248)				
M23053/11-	114-C	FEP-HS 1.3:1	4 awg (.290)				
M23053/11-	115-C	FEP-HS 1.3:1	3 awg (.310)				
M23053/11-	116-C	FEP-HS 1.3:1	2 awg (.365)				
M23053/11-	117-C	FEP-HS 1.3:1	1 awg (.400)				
M23053/11-	118-C	FEP-HS 1.3:1	0 awg (.440)				
M23053/11-	119-C	FEP-HS 1.3:1	3/8				
M23053/11-	120-C	FEP-HS 1.3:1	7/16				
M23053/11-	121-C	FEP-HS 1.3:1	1/2				
M23053/11-	122-C	FEP-HS 1.3:1	5/8				
M23053/11-	123-C	FEP-HS 1.3:1	3/4				
M23053/11-	124-C	FEP-HS 1.3:1	7/8				
M23053/11-	126-C	FEP-HS 1.3:1	1				
M23053/11-	127-C	FEP-HS 1.3:1	1-1/2				

Color Designator	
Dash	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple (Violet)
8	Grey
9	White
C	Clear

Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)			
Class 1 (Ind'l Wall) 2:1 Clear				Class 2 (Standard Wall) 2:1 Clear							
M23053/12-	101-C	TFE-HS-IW	1/8	M23053/12-	201-C	TFE-HS-SW	24 awg (.050)	M23053/12-	218-C	TFE-HS-SW	6 awg (.302)
M23053/12-	102-C	TFE-HS-IW	3/16	M23053/12-	202-C	TFE-HS-SW	22 awg (.055)	M23053/12-	219-C	TFE-HS-SW	5 awg (.320)
M23053/12-	103-C	TFE-HS-IW	1/4	M23053/12-	203-C	TFE-HS-SW	20 awg (.060)	M23053/12-	220-C	TFE-HS-SW	4 awg (.370)
M23053/12-	104-C	TFE-HS-IW	5/16	M23053/12-	204-C	TFE-HS-SW	19 awg (.065)	M23053/12-	221-C	TFE-HS-SW	3 awg (.390)
M23053/12-	105-C	TFE-HS-IW	3/8	M23053/12-	205-C	TFE-HS-SW	18 awg (.076)	M23053/12-	222-C	TFE-HS-SW	1/4 (.410)
M23053/12-	106-C	TFE-HS-IW	7/16	M23053/12-	206-C	TFE-HS-SW	17 awg (.085)	M23053/12-	223-C	TFE-HS-SW	2 awg (.430)
M23053/12-	107-C	TFE-HS-IW	1/2	M23053/12-	207-C	TFE-HS-SW	15 awg (.110)	M23053/12-	224-C	TFE-HS-SW	1 awg (.450)
M23053/12-	108-C	TFE-HS-IW	9/16	M23053/12-	208-C	TFE-HS-SW	14 awg (.120)	M23053/12-	225-C	TFE-HS-SW	5/16 (.470)
M23053/12-	109-C	TFE-HS-IW	5/8	M23053/12-	210-C	TFE-HS-SW	13 awg (.140)	M23053/12-	226-C	TFE-HS-SW	0 awg (.470)
M23053/12-	110-C	TFE-HS-IW	11/16	M23053/12-	211-C	TFE-HS-SW	12 awg (.150)	M23053/12-	228-C	TFE-HS-SW	3/8 (.560)
M23053/12-	111-C	TFE-HS-IW	3/4	M23053/12-	212-C	TFE-HS-SW	11 awg (.170)	M23053/12-	229-C	TFE-HS-SW	7/16 (.655)
M23053/12-	112-C	TFE-HS-IW	7/8	M23053/12-	213-C	TFE-HS-SW	10 awg (.191)	M23053/12-	230-C	TFE-HS-SW	1/2 (.750)
M23053/12-	113-C	TFE-HS-IW	1	M23053/12-	214-C	TFE-HS-SW	9 awg (.205)	M23053/12-	231-C	TFE-HS-SW	5/8 (.930)
				M23053/12-	215-C	TFE-HS-SW	1/8 (.215)	M23053/12-	232-C	TFE-HS-SW	3/4 (1.125)
				M23053/12-	216-C	TFE-HS-SW	8 awg (.240)	M23053/12-	233-C	TFE-HS-SW	7/8 (1.31)
				M23053/12-	217-C	TFE-HS-SW	7 awg (.270)	M23053/12-	234-C	TFE-HS-SW	1 (1.500)

Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)				Mil-Spec Nelco P/N & Size (in)			
Class 3 (Thin Wall) 2:1 Clear				Class 4 (Light Wall) 2:1 Clear				Class 5 4:1 Clear			
M23053/12-	301-C	TFE-HS-TW	30 awg (.034)	M23053/12-	401-C	TFE-HS-LW	24 awg (.050)	M23053/12-	501-C	TFE-HS 4:1	5/64 (.078)
M23053/12-	302-C	TFE-HS-TW	28 awg (.038)	M23053/12-	402-C	TFE-HS-LW	22 awg (.055)	M23053/12-	502-C	TFE-HS 4:1	1/8 (.125)
M23053/12-	303-C	TFE-HS-TW	26 awg (.046)	M23053/12-	403-C	TFE-HS-LW	20 awg (.060)	M23053/12-	503-C	TFE-HS 4:1	3/16 (.188)
M23053/12-	304-C	TFE-HS-TW	24 awg (.050)	M23053/12-	404-C	TFE-HS-LW	19 awg (.065)	M23053/12-	504-C	TFE-HS 4:1	1/4 (.250)
M23053/12-	305-C	TFE-HS-TW	22 awg (.055)	M23053/12-	405-C	TFE-HS-LW	18 awg (.076)	M23053/12-	505-C	TFE-HS 4:1	5/16 (.313)
M23053/12-	306-C	TFE-HS-TW	20 awg (.060)	M23053/12-	406-C	TFE-HS-LW	17 awg (.085)	M23053/12-	506-C	TFE-HS 4:1	3/8 (.375)
M23053/12-	307-C	TFE-HS-TW	19 awg (.065)	M23053/12-	407-C	TFE-HS-LW	16 awg (.093)	M23053/12-	507-C	TFE-HS 4:1	7/16 (.438)
M23053/12-	308-C	TFE-HS-TW	18 awg (.076)	M23053/12-	408-C	TFE-HS-LW	15 awg (.110)	M23053/12-	508-C	TFE-HS 4:1	1/2 (.500)
M23053/12-	309-C	TFE-HS-TW	17 awg (.085)	M23053/12-	409-C	TFE-HS-LW	14 awg (.120)	M23053/12-	510-C	TFE-HS 4:1	5/8 (.625)
M23053/12-	310-C	TFE-HS-TW	16 awg (.093)	M23053/12-	410-C	TFE-HS-LW	13 awg (.140)	M23053/12-	512-C	TFE-HS 4:1	3/4 (.750)
M23053/12-	311-C	TFE-HS-TW	15 awg (.110)	M23053/12-	411-C	TFE-HS-LW	12 awg (.150)	M23053/12-	513-C	TFE-HS 4:1	7/8 (.875)
M23053/12-	312-C	TFE-HS-TW	14 awg (.120)	M23053/12-	412-C	TFE-HS-LW	11 awg (.170)	M23053/12-	514-C	TFE-HS 4:1	1 (1.00)
M23053/12-	313-C	TFE-HS-TW	13 awg (.140)	M23053/12-	413-C	TFE-HS-LW	10 awg (.191)	M23053/12-	515-C	TFE-HS 4:1	1-1/4 (1.25)
M23053/12-	314-C	TFE-HS-TW	12 awg (.150)	M23053/12-	414-C	TFE-HS-LW	9 awg (.205)				
M23053/12-	316-C	TFE-HS-TW	11 awg (.170)	M23053/12-	416-C	TFE-HS-LW	8 awg (.240)		Color Designator		
M23053/12-	317-C	TFE-HS-TW	10 awg (.191)	M23053/12-	417-C	TFE-HS-LW	7 awg (.270)		Dash	Color	
M23053/12-	318-C	TFE-HS-TW	9 awg (.205)	M23053/12-	418-C	TFE-HS-LW	6 awg (.302)		0	Black	
M23053/12-	319-C	TFE-HS-TW	1/8 (.215)	M23053/12-	419-C	TFE-HS-LW	5 awg (.320)		1	Brown	
M23053/12-	320-C	TFE-HS-TW	8 awg (.240)	M23053/12-	420-C	TFE-HS-LW	4 awg (.370)		2	Red	
M23053/12-	321-C	TFE-HS-TW	7 awg (.270)	M23053/12-	421-C	TFE-HS-LW	3 awg (.390)		3	Orange	
M23053/12-	322-C	TFE-HS-TW	6 awg (.302)	M23053/12-	423-C	TFE-HS-LW	2 awg (.430)		4	Yellow	
M23053/12-	323-C	TFE-HS-TW	5 awg (.320)	M23053/12-	424-C	TFE-HS-LW	1 awg (.450)		5	Green	
M23053/12-	324-C	TFE-HS-TW	4 awg (.370)	M23053/12-	426-C	TFE-HS-LW	0 awg (.470)		6	Blue	
M23053/12-	325-C	TFE-HS-TW	3 awg (.390)						7	Purple (Violet)	
M23053/12-	326-C	TFE-HS-TW	1/4 (.410)						8	Grey	
M23053/12-	327-C	TFE-HS-TW	2 awg (.430)						9	White	
M23053/12-	328-C	TFE-HS-TW	1 awg (.450)						C	Clear	
M23053/12-	329-C	TFE-HS-TW	5/16 (.470)								
M23053/12-	330-C	TFE-HS-TW	0 awg (.470)								

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Mil-Spec	Nelco P/N & Size (in)		
	Black		
M23053/16-	001-0	NP-120	1/4
M23053/16-	002-0	NP-120	3/8
M23053/16-	003-0	NP-120	1/2
M23053/16-	004-0	NP-120	3/4
M23053/16-	005-0	NP-120	1
M23053/16-	006-0	NP-120	1-1/2
M23053/16-	007-0	NP-120	2
M23053/16-	008-0	NP-120	3
M23053/16-	009-0	NP-120	4

Color Designator	
Dash	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple (Violet)
8	Grey
9	White
C	Clear