

Heat Shrinkable Tubing



Heat Shrinkable Tubing Example Part Number

Product Type	Configuration	Material	Size	Additional Attribute(s)	Color
TS		PO	.125	A	0

Configuration

IEWC Code	Configuration
	Bulk
C	Cut Pieces

Material

IEWC Code	Material	Continuous Operating Temperature		Available Shrink Ratios	Construction	Color	Military Specification	UL	CSA	RoHS	Available Specifications
		Max	Min								
PV	PVC	105°C	20°C	2:1	Single Wall	Various	SAE-AMS-DTL-23053/2 Class 2	✓	✓	✓	ASTM D-3150
					Dual Wall (Adhesive Lined)	Black	-				-
PV	XLPVC	105°C	20°C	2:1	Single Wall	Black	SAE-AMS-DTL-23053/2 Class 1	✓	✓	✓	ASTM D-3150
					Dual Wall (Adhesive Lined)	Black	-				
N	Neoprene	121°C	70°C	2:1	Single Wall	Black	SAE-AMS-DTL-23053/1 Class 1 & 2			✓	AMS 3623, SC-X-15112
							MIL-R-46846, Type I Class 1			✓	
PO	Polyolefin	125°C	55°C	2:1	Single Wall	Various	SAE-AMS-DTL-23053/5 Classes 1, 2, and 3	✓	✓	✓	AMS 3636, 3637, DEF STAN 59-97 Issue 3 Type 2a
						Various	SAE-AMS-DTL-23053/5 Class 1 and 2	✓	✓	✓	DEF STAN 59-97 issue 3 Type 2a
				Black		SAE-AMS-DTL-23053/5 Class 1			✓	-	
				Black		SAE-AMS-DTL-23053/15			✓	-	
		110°C	55°C	2:1	Dual Wall (Adhesive Lined)	Black	SAE-AMS-DTL-23053/4 Class 2			✓	-
						Black	SAE-AMS-DTL-23053/4 Class 1			✓	AMS 3634
				2.5:1		Various	SAE-AMS-DTL-23053/4 Class 3			✓	-
				3:1		Black, Clear	SAE-AMS-DTL-23053/4 Class 3			✓	-
K	PVDF (Kynar®)	175°C	55°C	2:1	Single Wall	Black	SAE-AMS-DTL-23053/8	✓	✓	✓	AMS 3632, DEF STAN 59-97 Issue 3 Type 3a
						Clear	SAE-AMS-DTL-23053/18				
FE	FEP (Teflon®)	200°C	55°C	1.3:1 1.67:1	Single Wall	Natural	MIL-DTL-23053/11 Class 1			✓	-
						Natural	MIL-DTL-23053/11 Class 2			✓	-
V	Viton®	220°C	55°C	2:1	Single Wall	Black	SAE-AMS-DTL-23053/13			✓	G 95343 Part 05 Type E, DEF STAN 59-97 Issue 3 Code 4a, VDE PAN 6480 No. MP421
							MIL-R-46846 Type III Class 1			✓	
TF	PTFE (Teflon®)	250°C	67°C	2:1 4:1	Single Wall	Natural	SAE-AMS-DTL-23053/12 Class 3			✓	FDA C.F.R. 21 121.255, AMS 3585, 3586
						Natural	SAE-AMS-DTL-23053/12 Class 5			✓	-

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Heat Shrinkable Tubing continued on next page

Size

IEWC Code	Supplied Inside Diameter	
	in	mm
.047	3/64"	1.2
.06	1/16"	1.6
.094	3/32"	2.4
.125	1/8"	3.2
.188	3/16"	4.8
.25	1/4"	6.4
.313	5/16"	8.0
.375	3/8"	9.5
.5	1/2"	12.7
.625	5/8"	15.9
.75	3/4"	19.1
1	1"	25.4
1.25	1-1/4"	31.8
1.5	1-1/2"	38.1
2	2"	50.8
3	3"	76.2
4	4"	101.6

Additional Attribute(s)

IEWC Code	Attribute
A	Adhesive Lined
F	Flame Retardant
L	Light Wall
S	Standard Wall
M	Medium Wall
H	Heavy Wall
I	Industrial Wall
R	Semi Rigid
X	Extra Flexible

Color

IEWC Code	Color
0	Black
1	Red
1N	Neon Red
2	Green
24	Green/Yellow
2N	Neon Green
3	Blue
3N	Neon Blue
4	Yellow
4N	Neon Yellow
5	Orange
7	Purple
8	Gray
9	White
NA	Natural
Z	Clear