

Agrupador Protector Espiral / 12.7 mm / Natural / 30.5 m (100.1 ft) / -40 a 50 °C / UL94-HB

SKU: T50F-C Marca: PANDUIT Categoría: Herramientas y Accesorios de Instalación

Garantía: 3 años

$3,716.43

Precios con IVA incluido

DESCRIPCIÓN

El agrupador protector en espiral está diseñado para ofrecer protección continua contra la abrasión en instalaciones de alambres, cables y tuberías. Su construcción en polietileno flexible permite agrupar múltiples conductores en un solo paquete ordenado, facilitando la gestión de cableado en entornos profesionales. La estructura espiral soporta rutas irregulares y permite realizar derivaciones individuales o múltiples sin necesidad de desmontar el conjunto. Con un rango térmico operativo de -40 °C a 50 °C y clasificación UL94-HB, garantiza desempeño confiable bajo condiciones industriales exigentes. La presentación de 30.5 metros (100.1 ft) de longitud resulta ideal para proyectos de cableado de gran escala.

Características Generales
Protección contra abrasión para cables y tuberías
Agrupa múltiples cables en un solo paquete manejable
Permite rupturas de cables únicos o múltiples
Flexible y duradera para formas irregulares
Diámetro interior ajustable de 9.5 a 101.6 mm
Temperatura de operación: -40 °C a 50 °C
Clasificación de inflamabilidad UL94-HB

Desempeño
Protección: Contra abrasión
Diámetro interior ajustable: 9.5 a 101.6 mm
Temperatura de operación: -40 °C a 50 °C
Clasificación inflamabilidad: UL94-HB

Físicas / Eléctricas
Material: Polietileno
Color: Natural
Diámetro exterior: 12.7 mm
Longitud: 30.5 m (100.1 ft)

Contenido del Paquete
Agrupador protector en espiral

ESPECIFICACIONES

Característica 1	**Protección continua contra abrasión para cables y tuberías**
Característica 2	**Agrupa múltiples cables en un solo paquete manejable**
Característica 3	**Permite rupturas individuales o múltiples sin desmontar**
Característica 4	**Flexibilidad para adaptarse a rutas y formas irregulares**
Característica 5	**Diámetro interior ajustable de 9.5 a 101.6 mm**
Característica 6	**Construcción en polietileno de alta resistencia y durabilidad**

MEMORIA TÉCNICA · T50F-C

Número de parte de esta ficha: T50F-C. La información corresponde a esta variante.

1
Panduit
®
- Abrasion Protection Products provide an economical and easy way to insulate, protect, bundle and color-code components and cable. A wide variety of sizes and materials are available to meet a broad range of indoor and outdoor applications.
To help assure optimum quality, Panduit abrasion protection products are designed and manufactured to meet applicable quality standards including International, UL, Military, ISO, and Aerospace.
Panduit abrasion protection products provide quality at the lowest installed cost. With a continued focus on new product development, Panduit continues to meet customer needs.
Wire Abrasion Protection
- 2
Wire Abrasion Protection
Feature
Spiral
Wrap
Pan-Wrap Split
Harness Wrap
Braided
Sleeving
Corrugated
Tubing
Heat
Shrink
Weather Resistant Options Yes No Yes Yes Yes
Fully Enclosed Options No No Yes Yes Yes
UL Recognized Yes Yes Yes No Yes
Option to add cables after
initial installation
No Yes Yes Yes No
Product Application
Spiral Wrap
- General purpose Abrasion Protection product for Wire Harness and bundling applications
- Allows breakouts of single/multiple cables

- Multiple colors allow for easy identification of cable bundles
- Available in multiple materials
- Simple installation tool supplied in each package
Pan-Wrap
™
- Split Harness Wrap
- Patented slot pattern provides improved flexibility & abrasion protection in any application
- Unique wall design provides for easy cable breakouts
- Considerably reduces installation time
- Large overlap accommodates a wide range of bundle diameters
Grommet Edging
- Covers sharp edges of panels to protect cables from abrasion
- Solid and slotted designs available. Use slotted wall design on radiused surfaces.
- Use solid wall design on straight surfaces.
- Adhesive lined product is available to encourage product to stay in place on panel edge
Corrugated
Loom Tubing - Economical protection for cables in wire harness applications
- Solid wall product allows complete protection of cable bundle
- UV Resistant option available for demanding outdoor applications
Braided Sleeving
- Provides continuous abrasion protection for wires, cables, hoses & tubing
- Highly flexible open weave will not trap heat or humidity
- Lightweight, durable protection
- Compliant with US and European passenger rail standards
Non-Shrink
PVC Tubing
- Provides insulation and protection for lead wires, wire hraness assemblies,
soldered joints and components in electrical and electronic equipment
- Resistant to heat and moisture
Heat Shrink
- Applications include insulating, protecting, and color coding wires and cables
- Use with terminals and lugs to provide a clean, safe, secure installation
Duct Seal
- Seals irregular openings from air and dust
- Non-hardening sealant that adheres to metal, wood, masonry, and plastic
- Provides vibration dampening
- Safe and easy to use. Non-corrosive, non-toxic, no asbestos, will not stain
or harm hands, and no unpleasant odor
- 3
Spiral Wrap - Standard Package Quantity: 1
Part
Number Color
Length
per Reel
Bundle Diameter
Range
Outside
Diameter
Temperature
Range
Wall Thickness
Ft. m In. mm In. mm In. mm
Polyethylene
BEST
SELLER T25F-C Natural
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02
T25F-C10 White
T25F-C3Y Orange
T25F-M
Natural
1,000 304.8
BEST
SELLER T38F-C 100 30.5
0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
T38F-TL 250 76.2
BEST
SELLER T50F-C
100 30.5
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52
BEST
SELLER T50F-C4Y Yellow
T50F-TL Natural
250 76.2
T50F-TL4Y Yellow
T62F-C
Natural 100 30.5
0.5 - 4.512.7 – 114.30.62 15.9 0.062 1.57
T75F-C 0.625 - 5.015.9 – 127.00.75 19.1 0.065 1.65
T100F-C 0.875 - 6.022.2 – 152.41.00 25.4 0.070 1.78
Weather Resistant Polyethylene
T25F-C0
Black
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02
T38F-C0 0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
BEST
SELLER T50F-C0
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52T50F-TL0 250 76.2
T50F-X0 10 3.1
T75F-C0
100 30.5
0.625 - 5.015.9 – 127.00.75 19.1 0.065 1.65
T100F-C0 0.875 - 6.022.2 – 152.41.00 25.4 0.070 1.78
Fire Resistant Polyethylene
T25R-CY
Natural
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02

T50R-CY
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52
T50R-TLY 250 76.2
Flame Retardant Polyethylene
T12FR-CY Natural
100 30.5
0.0625 -
0.50
1.6 – 12.7 0.12 3.2
-4°F – 122°F
(-20°C – 50°C)
0.030 0.76
T25FR-C20Y Black
0.187-2.04.8 – 50.8 0.25 6.4 0.040 1.02
T25FR-CY Natural
T38FR-C20Y Black 0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
- Wire Abrasion Protection
- 4
Spiral Wrap - Standard Package Quantity: 1
Part
Number Color
Length
per Reel
Bundle Diameter
Range
Outside
Diameter
Temperature
Range
Wall Thickness
Ft. m In. mm In. mm In. mm
Polyethylene
BEST
SELLER T25F-C Natural
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02
T25F-C10 White
T25F-C3Y Orange
T25F-M
Natural
1,000 304.8
BEST
SELLER T38F-C 100 30.5
0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
T38F-TL 250 76.2
BEST
SELLER T50F-C
100 30.5
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52
BEST
SELLER T50F-C4Y Yellow
T50F-TL Natural
250 76.2
T50F-TL4Y Yellow
T62F-C
Natural 100 30.5
0.5 - 4.512.7 – 114.30.62 15.9 0.062 1.57T75F-C 0.625 - 5.015.9 – 127.00.75 19.1 0.065 1.65
T100F-C 0.875 - 6.022.2 – 152.41.00 25.4 0.070 1.78
Weather Resistant Polyethylene
T25F-C0
Black
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02
T38F-C0 0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
BEST
SELLER T50F-C0
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52T50F-TL0 250 76.2
T50F-X0 10 3.1
T75F-C0
100 30.5
0.625 - 5.015.9 – 127.00.75 19.1 0.065 1.65
T100F-C0 0.875 - 6.022.2 – 152.41.00 25.4 0.070 1.78
Fire Resistant Polyethylene
T25R-CY
Natural
100 30.5
0.187-2.04.8 – 50.8 0.25 6.4
-40°F – 122°F
(-40°C – 50°C)
0.040 1.02T50R-CY
0.375 - 4.09.5 – 101.60.50 12.7 0.060 1.52
T50R-TLY 250 76.2
Flame Retardant Polyethylene
T12FR-CY Natural
100 30.5
0.0625 -
0.50
1.6 – 12.7 0.12 3.2
-4°F – 122°F
(-20°C – 50°C)
0.030 0.76
T25FR-C20Y Black
0.187-2.04.8 – 50.8 0.25 6.4 0.040 1.02
T25FR-CY Natural
T38FR-C20Y Black 0.312 - 3.07.9 – 76.2 0.38 9.5 0.055 1.40
- Spiral Wrap - Standard Package Quantity: 1
Part
Number Color
Length
per Reel
Bundle Diameter
Range

Outside
Diameter
Temperature
Range
Wall Thickness
Ft. m In. mm In. mm In. mm
Flame Retardant Polyethylene (continued)
T50FR-C20Y Black
100 30.5
0.375 - 4.09.5 – 101.60.50 12.7
-4°F – 122°F
(-20°C – 50°C)
0.060 1.52T50FR-CY
Natural
T50FR-TLY 250 76.2
T75FR-C20Y Black
100 30.5 0.625 - 5.015.9 – 127.00.75 19.1 0.065 1.65
T75FR-CY Natural
Nylon
T25N-C
Natural
100 30.5 0.187 - 2.04.8 – 50.8 0.25 6.4
-40°F – 149°F
(-40°C – 65°C)
0.023 0.58
T38N-TL 250 76.2 0.312 - 3.05/16 – 3 0.38 9.5 0.030 0.76
Weather Resistant Nylon
T25N-C0
Black
100 30.5
0.187 - 2.04.8 – 50.8 0.25 6.4
-40°F – 149°F
(-40°C – 65°C)
0.023 0.58
T38N-C0 0.312 - 3.07.9 – 76.2 0.38 9.5 0.030 0.76
T50N-TL0 250 76.2 0.375 - 4.09.5 – 101.60.50 12.7 0.032 0.81
T62N-C0
100 30.5
0.50 - 4.512.7 – 114.30.62 15.9 0.035 0.89
- T100N-C0 0.875 - 6.022.2 – 152.41.00 25.4 0.045 1.14
Weather Resistant Polypropylene
T38P-C0
Black 100 30.5
0.312 - 3.07.9 – 76.2 0.38 9.5
-40°F – 239°F
(-40°C – 115°C)
0.030 0.76T50P-C0 0.375 - 4.09.5 – 101.60.50 12.7
T100P-C0 0.875 - 6.022.2 – 152.41.00 25.4
TFE
T12T-C
Natural
100 30.5
0.0625 -
0.50
1.6 – 12.7 0.12 3.2
-454°F – 356°F
(-270°C – 180°C)
0.020 0.51
BEST
SELLER
T25T-L
50 15.2
0.187 - 2.04.8 – 50.8 0.25 6.4
0.030 0.76
T38T-L 0.312 - 3.07.9 – 76.2 0.38 9.5
BEST
SELLER
T50T-Q
25 7.6
0.375 - 4.09.5 – 101.60.50 12.7
T62T-Q 0.50 - 4.512.7 – 114.30.62 15.9
T75T-X 10 3.1 0.625 - 5.015.9 – 127.00.75 19.1
Wire Abrasion Protection
- 5
Pan-Wrap
TM
- Split Harness Wrap* - Standard Package Quantity: 1
Part
Number Color
Length
per Reel
Max. Bundle
Diameter
Min. Bundle
Diameter
Temperature
Range
Nominal
Diameter
Ft. m In. mm In. mm In. mm
Polyethylene
PW50F-T Natural
200 61.0 0.55 14.0 0.43 10.9
-40°F – 122°F
(-40°C – 50°C)
0.50 12.7
PW50F-T20 Black
PW75F-C Natural
100 30.5
0.81 20.6 0.55 14.0 0.75 19.1
PW75F-C20 Black
PW100F-C Natural
1.13 28.6 0.81 20.6 1.00 25.4PW100F-C20 Black
PW100F-C4 Yellow
PW150F-L Natural 50 15.2 1.63 41.3 1.13 28.6 1.50 38.1
Flame Retardant Polyethylene
PW50FR-TY Natural
200 61.0 0.55 14.0 0.43 10.9

-4°F – 122°F
(-20°C – 50°C)
0.50 12.7
PW50FR-T20Y Black
PW75FR-CY Natural
100 30.5
0.81 20.6 0.55 14.0 0.75 19.1
PW75FR-C20Y Black
PW100FR-CY Natural
1.13 28.6 0.81 20.6 1.00 25.4
PW100FR-C20Y
Black
PW150FR-L20Y 50 15.2 1.63 41.3 1.13 28.6 1.50 38.1
- Wire Abrasion Protection
Pan-Wrap
TM
- Installation Tool - Standard Package Quantity: 1
Part
Number For Use With
PWT50 PW50F- Series
PWT75 PW75F- Series
PWT100 PW100F- Series
PWT150 PW150F- Series
Installation Instructions
Open Pan-Wrap
™
- Tool and insert bundle.
Close tool to
contain bundle.
Slide Pan-Wrap
™
- Split Harness Wrap
onto end of tool until approximately
3” of it covers the bundle.
Grasp end of Pan-Wrap
™
- Split Harness
Wrap and bundle while pulling the tool
along the bundle length.
*Pan-Wrap
TM
- Installation Tool required for proper installation.
- 6
Pan-Wrap
TM
- Split Harness Wrap* - Standard Package Quantity: 1
Part
Number Color
Length
per Reel
Max. Bundle
Diameter
Min. Bundle
Diameter
Temperature
Range
Nominal
Diameter
Ft. m In. mm In. mm In. mm
Polyethylene
PW50F-T Natural
200 61.0 0.55 14.0 0.43 10.9
-40°F – 122°F
(-40°C – 50°C)
0.50 12.7
PW50F-T20 Black
PW75F-C Natural
100 30.5
0.81 20.6 0.55 14.0 0.75 19.1
PW75F-C20 Black
PW100F-C Natural
1.13 28.6 0.81 20.6 1.00 25.4
PW100F-C20 Black
PW100F-C4 Yellow
PW150F-L Natural 50 15.2 1.63 41.3 1.13 28.6 1.50 38.1
Flame Retardant Polyethylene
PW50FR-TY Natural
200 61.0 0.55 14.0 0.43 10.9
-4°F – 122°F
(-20°C – 50°C)
0.50 12.7
PW50FR-T20Y Black
PW75FR-CY Natural
100 30.5
0.81 20.6 0.55 14.0 0.75 19.1
PW75FR-C20Y Black
PW100FR-CY Natural
1.13 28.6 0.81 20.6 1.00 25.4
PW100FR-C20Y
Black
PW150FR-L20Y 50 15.2 1.63 41.3 1.13 28.6 1.50 38.1
- Corrugated Loom Tubing - Standard Package Quantity: 1
Part
Number Color
Length
per Reel Inside DiameterOutside Diameter
Temperature RangeFt. m In. mm In. mm
UV Resistant Polypropylene – Slit Wall
NEW CLT75PUV-0
Black
4,265 1300 0.811 20.6 0.984 25
-40°F – 185°F
(-40°C – 85°C)
NEW CLT100PUV-0 2,329 710 1.142 29.01 1.358 34.49
NEW CLT150PUV-0 1,542 470 1.417 36 1.673 42.49
NEW CLT188PUV-0 885 270 1.89 48.01 2.146 54.51
Polyethylene - Slit Wall
CLT25F-C20

Black
100 30.5
0.28 7.2 0.40 10.1
-40°F – 122°F
(-40°C – 50°C)
CLT38F-C20 0.39 10.0 0.52 13.3
BEST
SELLER CLT50F-C20
0.51 13.0 0.65 16.6CLT50F-C3 Orange
CLT50F-C4 Yellow
CLT62F-C20
Black
0.66 16.9 0.85 21.1
CLT75F-2M20 2000 609.6
0.77 19.5 0.94 23.9
BEST
SELLER CLT75F-C20
100 30.5
CLT75F-C3 Orange
CLT75F-C4 Yellow
BEST
SELLER CLT100F-C20 Black
0.91 23.2 1.10 28.0CLT100F-C3 Orange
CLT100F-C4 Yellow
BEST
SELLER CLT125F-L20
Black
50 15.2 1.28 32.5 1.54 39.0
CLT150F-T20 200 61.0
1.58 40.0 1.85 47.0CLT150F-X20
10 3.1
CLT150F-X4 Yellow
CLT188F-C20 Black 100 30.5 1.85 47.0 2.19 55.7
Polyethylene - Solid Wall
CLTS25F-C Black 100 30.5 0.28 7.2 0.40 10.1
-40°F – 122°F
(-40°C – 50°C)
Wire Abrasion Protection
- 7
Braided Sleeving - Standard Package Quantity: 1
Part
Number Color
Nominal
Diameter
Nominal
Diameter Range
Length
per Reel
Std.
Ctn.
Qty.In. mm In. mm Ft. m
PET Material
SE12P-TR0
Black
0.12 3.2 0.094 – 0.2502.4 – 6.4 200 61.0 4
SE25P-MR0
0.25 6.4 0.125 – 0.3753.2 – 9.5
1000 304.8 2SE25P-MR10 White
SE25P-MR8 Gray
SE25P-TR0
Black
200 61.0 4
SE38P-MR0
0.38 9.5 0.188 – 0.5004.8 – 12.7
1000 304.8 2
SE38P-TR0 200 61.0 4
SE50P-CR0
0.50 12.7 0.250 – 0.7506.4 – 19.1
100 30.5 4
BEST
SELLER SE50P-DR0 500 152.4 2
SE75P-CR0
0.75 19.1 0.500 – 1.2512.7 – 31.8
100 30.5 4
BEST
SELLER SE75P-DR0 500 152.4 2
SE125P-LR0
Black
1.25 31.8 0.750 – 1.5019.1 – 38.1
50 15.2 4
SE125P-TR0
200 61.0 2
SE125P-TR8 Gray
SE150P-TR0
Black
1.50 38.1 1.00 – 2.1325.4 – 54.0
SE175P-TR0 1.75 44.5 1.25 – 2.7531.8 – 69.9
Wire Abrasion Protection
Corrugated Loom Tubing - Standard Package Quantity: 1
Part
Number Color
Length
per Reel Inside DiameterOutside Diameter
Temperature RangeFt. m In. mm In. mm
Nylon - Slit Wall
CLT25N-C630
Black
100 30.5
0.28 7.2 0.40 10.1
-40°F – 230°F
(-40°C – 110°C)
CLT38N-C630 0.39 10.0 0.52 13.3
CLT50N-4M630 4,000 1219.2
0.51 13.0 0.65 16.6
CLT50N-C630
100 30.5
CLT75N-C630 0.77 19.5 0.94 23.9
CLT100N-125M630 1,250 381.0

0.91 23.2 1.10 28.0
CLT100N-C630 100 30.5
Nylon - Solid Wall
CLTS25N-C Black 100 30.5 0.28 7.2 0.40 10.1
-40°F – 230°F
(-40°C – 110°C)
- 8
Braided Sleeving (continued) - Standard Package Quantity: 1
Part
Number Color
Nominal
Diameter
Nominal
Diameter Range
Length
per Reel
Std.
Ctn.
Qty.In. mm In. mm Ft. m
Flame Retardant PET Material
SE12PFR-MR0 Black
0.12 3.2 0.094 – 0.2502.4 – 6.4
1000 304.8 2
SE12PFR-TR0
Black
200 61.0 4
SE25PFR-MR0
0.25 6.4 0.125 – 0.3753.2 – 9.5
1000 304.8 2
SE25PFR-TR0
200 61.0 4
SE25PFR-TR8 Gray
SE38PFR-MR0
Black
0.38 9.5 0.188 – 0.5004.8 – 12.7
1000 304.8 2
SE38PFR-TR0 200 61.0
4
SE50PFR-CR0
0.50 12.7 0.250 – 0.7506.4 – 19.1
100 30.5
BEST
SELLER SE50PFR-DR0 500 152.4 2
SE75PFR-CR0
0.75 19.1 0.500 – 1.2512.7 – 31.8
100 30.5 4
SE75PFR-DR0 500 152.4
2SE125PFR-TR0 1.25 31.8 0.750 – 1.5019.1 – 38.1
200 61.0
SE150PFR-TR0 1.50 38.1 1.00 – 2.1325.4 – 54.0
Pan-Wrap Braided Sleeving (PET)
NEW SE38PS-TR0
Black
0.375 9.5
0.027 0.7
200 61.0
2
SE50PS-CLR0 0.50 12.7 150 45.7
SE75PS-CR0 0.75 19.1
100 30.5SE100PS-CR0 1.00 25.4
NEW SE125PS-CR0 1.25 31.8
NEW SE200PS-LR0 2.0 50.8 50 15.2
Pan-Wrap Braided Sleeving (Flame Retardant PET)
NEW SE38PSFR-TR0
Black
0.375 9.5
0.027 0.7
200 61.0
2NEW SE125PSFR-CR0 1.25 31.8 100 30.5
NEW SE200PSFR-LR0 2.0 50.8 50 15.2
Fray Resistant (PET)
Part
Number Color
Nominal
Diameter
Nominal Diameter
Range
Length
per Reel
Std.
Ctn.
Qty.
In. mm In. mm Ft. m
SE38PSC-TR0
Black
0.38 9.5 0.19 – 0.63 4.8 – 15.9 200 61.0
4SE50PSC-CR0 0.50 12.7 0.25 – 0.75 6.4 – 19.1
100 30.5
SE75PSC-CR0 0.75 19.1 0.63 – 1.0 15.9 – 25.4
Wire Abrasion Protection
- 9
Wire Abrasion Protection
Braided Sleeving (continued) - Standard Package Quantity: 1
- Heavy Duty Nylon Braided Sleeving
Part
Number Color
Nominal
Diameter
Minimum
Diameter
Maximum
Diameter Length per Roll
In. mm In. mm In. mm Ft. m
NEW SE38N-C
Black
0.375 9.5 0.25 6.4 0.50 12.7
100 30.5
NEW SE50N-C 0.50 12.7 0.375 9.5 0.625 15.9

NEW SE75N-L 0.75 19.1 0.625 15.9 1.00 25.4
50 15.2NEW SE100N-L 1.0 25.4 0.875 22.2 1.25 31.8
NEW SE125N-L 1.25 31.8 1.00 25.4 1.50 38
NEW SE150N-Q 1.50 38 1.25 31.8 1.75 44.5
25 7.62
NEW SE150N-Q 1.75 44.5 1.50 38 2.00 50.8
NEW SE200N-Q 2.0 50.8 1.75 44.5 2.75 69.9
NEW SE200N-Q 3.0 76.2 2.25 57.2 3.50 88.9
Insulating Fiberglass Tubing
Part
Number Color
Nominal
Diameter
Wall
Thickness
Length
per Roll
In. mm In. mm Ft. m
NEW FT38-C
Silver
0.375 9.5
0.025 0.6
100 30.5
NEW FT50-C 0.5 12.7
NEW FT62-C 0.625 15.9
NEW FT75-C 0.75 19.1
NEW FT100-C 1.0 25.4
NEW FT125-C 1.25 31.8
NEW FT150-C 1.5 38
NEW FT200-L 2.0 50.8
50 15.2
NEW FT300-L 3.0 76.2
Tinned Copper Braided Sleeving
Part
Number Color
Nominal
Diameter
Current
Capacity
Length per Roll
In. mm Ft. m
NEW SE12TC-C
Silver
0.125 3.2 25
100 30.5NEW SE25TC-C 0.25 6.4
53
NEW SE38TC-C 0.375 9.5
NEW SE50TC-L 0.50 12.7 62
50 15.2
NEW SE88TC-L 0.875 22.2 100
NEW SE100TC-L 1.0 25.4 120
NEW SE125TC-L 1.25 31.8 145
NEW SE150TC-L 1.50 38 165
NEW SE200TC-L 2.0 50.8 180
- 10
Wire Abrasion Protection
Heat Shrink
Part
Number Color
Nominal
Diameter
Min. Expanded
I.D.
Max.
Recovered
I.D.
Nominal
Recovered
Wall Thickness Length
Std.
Pkg.
Qty.In. mm In. mm In. mm Ft. m
Thin Wall Heat Shrink
HSTT06-CC Clear0.063 1.6 0.063 1.6 .031 0.80 0.017 0.4 100 30.5 1 roll
HSTT09-48-Q Black 0.093 2.4 0.093 2.4 0.046 1.2
0.02 0.5
4 1.2 25 pcs.
HSTT12-CC Clear0.125 3.2 0.125 3.2 0.062 1.6 100 30.5 1 roll
HSTT19-48-Q Black
0.187 4.8 0.187 4.8 0.093 2.4
4 1.2 25 pcs.
HSTT19-48-Q45 Yellow
Green
HSTT25-48-Q Black
0.250 6.4 0.250 6.4 0.125 3.2
0.025 0.6
HSTT25-48-QC Clear
HSTT25-C
Black
100 30.5 1 roll
HSTT38-48-Q
0.375 9.5 0.375 9.5 0.187 4.8
4 1.2 25 pcs.
HSTT38-C 100 30.5 1 roll
HSTT50-48-5
0.500 12.7 0.500 12.7 0.250 6.4
4 1.2 25 pcs.
HSTT50-C
100 30.5 1 roll
HSTT50-CC Clear
HSTT75-48-5
Black
0.750 19.1 0.750 19.1 0.375 9.5 0.030 0.8
4 1.2 25 pcs.
HSTT75-C 100 30.5 1 roll
HSTT100-48-5
1.00 25.4 1.00 25.4 0.500 12.7 0.035 0.9
4 1.2 25 pcs.

HSTT100-C
100 30.5 1 roll
HSTT100-CC Clear
HSTT150-48-5 Black
1.50 38.1 1.5 38.1 0.75 19.1 0.04 1
4 1.2 5 pcs.
HSTT150-48-5C Clear
HSTT150-C
Black
100 30.5 1 roll
HSTT200-48-5
2 50.8 2 50.8 1.0 25.4 0.045 1.1
4 1.2 5 pcs.
HSTT200-L
50 15.2 1 roll
HSTT300-L 3 76.2 3 76.2 1.5 38.1 0.05 1.3
TFE
HSTTT08-48-Q
Clear
18 AWG 1.9 0.076 1.9 0.049 1.2 0.012 0.3
4 1.2 25 pcs.
HSTTT30-48-Q 6 AWG 7.7 0.302 7.7 0.178 4.5 0.015 0.4
Medium Wall - Adhesive Lined
HSTTA25-48-TL
Black
0.25 6.4 0.25 6.4 0.08 2.0 0.04 1
4 1.2
250 pcs.
HSTTA50-48-5 0.50 12.7 0.50 12.7 0.16 4.1 0.07 1.8
5 pcs.
HSTTA75-48-5 0.75 19.1 0.75 19.1 0.25 6.4 0.085 2.2
HSTTA100-48-5 1 25.4 1 25.4 0.32 8.1
0.10 2.5HSTTA150-48-5
1.5 38.1 1.5 38.1 0.51 12.9
HSTTA150-48-Q 25 pcs.
- 11
Wire Abrasion Protection
Heat Shrink Gun with Stand - Standard Package Quantity: 1
Part
Number Description
HSG-115V-650 Heat gun with stand. Temperature range of 700°F (371°C) to 1000°F (538°C)
Heat Shrink (continued)
Part
Number Color
Nominal
Diameter
Min. Expanded
Nominal I.D.
Max.
Recovered
Nominal I.D.
Nominal
Recovered
Wall Thickness Length
Std.
Pkg.
Qty.In. mm In. mm In. mm In. mm Ft. m
Semi-Rigid Adhesive Lined
HSTTRA50-48-5 Black 0.5 12.7 0.5 12.7 0.195 5 0.055 1.5 4 1.2 5 pcs.
Thick Wall Heat Shrink
HST0.4-48-5Y
Black — —
0.4 10.2 0.16 4.1 0.08 2
- 4
1.2 5 pcs.
HST0.8-48-5Y
0.75 19.1 0.22 5.6 0.09 2.3
HST0.8-6-XY 6 152.410 pcs.
HST1.1-48-5Y 1.1 27.9 0.38 9.5 0.12 3
4 1.2
5 pcs.HST1.5-48-5Y 1.5 38.1 0.5 12.7
0.16 4.1
HST2.0-48-2Y 2 50.8 0.67 16.9
HST3.0-48-2 3 76.2 1 25.4 0.17 4.3 2 pcs.
Heat Shrink End Caps
HSEC0.5-X
Black — —
0.47 11.9 0.18 4.6 0.09 2.2 1.5 37.6
10 pcs.
HSEC0.8-X 0.79 20.1 0.3 7.6 0.1 2.4 1.8 45.5
Non-Shrink Tubing - Standard Package Quantity: 1
Part
Number Color
Nominal
Diameter
Length per
Reel
Max.
I.D. Wall Thickness
Max. Voltage
RatingFt. m In. mm In. mm
TV105-3M20Y
Black
3 AWG
1000 304.8
0.249 6.32
0.020 0.51 300 V
TV105-6M20Y 6 AWG 0.178 4.52
TV105-.75TL20Y 3/4 250 76.2 0.786 19.96
0.035 0.89 600 V
TV105-1.0C20Y 1 100 30.5 1.036 26.31
- 12
Wire Abrasion Protection
Grommet Edging - Standard Package Quantity: 1
Part
Number
Width A Height B Panel Thickness Range
MaterialColor

Temperature
RangeIn. mm In. mm In. mm
Slotted
GEE62F-C 0.13 3.3 0.16 4.1 0.036 – 0.062 0.9 – 1.6
PolyethyleneNatural
-40°F – 122°F
(-40°C – 50°C)
GEE99F-C 0.17 4.3 0.19 4.7 0.062 – 0.099 1.6 – 2.5
GEE144F-C 0.21 5.4 0.22 5.6 0.099 – 0.144 2.5 – 3.7
NEW GEE189F-C
0.30 7.6 0.30 7.6 0.144 - 0.189 3.7 - 4.8
NEW GEE189F-C0
Weather
Resistant
Polyethylene
Black
Slotted with Adhesive
BEST
SELLER GEE62F-A-C
0.13 3.3 0.16 4.1 0.036 – 0.062 0.9 – 1.6
PolyethyleneNatural
-40°F – 122°F
(-40°C – 50°C)
GEE62F-A-C0
Weather
Resistant
Polyethylene
Black
BEST
SELLER
GEE99F-A-C
0.17 4.3 0.19 4.7 0.062 – 0.099 1.6 – 2.5
PolyethyleneNatural
GEE99F-A-C0
Weather
Resistant
Polyethylene
Black
BEST
SELLER GEE144F-A-C
0.21 5.4 0.22 5.6 0.099 – 0.144 2.5 – 3.7
PolyethyleneNatural
GEE144F-A-C0
Weather
Resistant
Polyethylene
Black
- NEW GEE189F-A-C
0.30 7.6 0.30 7.6 0.144 - 0.189 3.7 - 4.8
PolyethyleneNatural
NEW GEE189F-A-C0
Weather
Resistant
Polyethylene
Black
Solid with Adhesive – Use on straight edges only
GES62F-A-C
0.13 3.3 0.16 4.1 0.036 – 0.062 0.9 – 1.6
PolyethyleneNatural
-40°F – 122°F
(-40°C – 50°C)
GES62F-A-C0
Weather
Resistant
Polyethylene
Black
GES99F-A-C
0.17 4.3 0.19 4.7 0.062 – 0.099 1.6 – 2.5
PolyethyleneNatural
GES99F-A-C0
Weather
Resistant
Polyethylene
Black
NEW GES189F-A-C
0.30 7.6 0.30 7.6 0.144 - 0.189 3.7 - 4.8
PolyethyleneNatural
NEW GES189F-A-C0
Weather
Resistant
Polyethylene
Black
- 13
Wire Abrasion Protection
Grommet Edging (continued) - Standard Package Quantity: 1
Part
Number
Width A Height B Panel Thickness Range
Material Color
Temperature
RangeIn. mm In. mm In. mm
Nylon Lengths - Military Standard MS21266 in 12 3/4” Lengths
GE85-C 0.18 4.5
0.16 3.9
0.052 - 0.0851.3 - 2.2
Nylon 6.6 Natural
-40°F – 149°F
(-40°C – 65°C)
GE128-C 0.22 5.6 0.085 – 0.1282.2 – 3.3
GE192-L 0.33 8.3 0.23 5.8 0.128 – 0.1923.3 – 4.9
GE255-L 0.39 9.8 0.24 6.1 0.192 – 0.2554.9 – 6.5
Duct Seal - Standard Package Quantity: 1
Part
Number Description
BEST
SELLER DS1 Duct seal (sealing compound) 1 lb. package
DS5 Duct seal (sealing compound) 5 lb. package
- 14

Abrasion Protection
Materials Technical Data
Ratings and Approvals Chemical Resistance Compliance
UL
Temperature Index
Flammability (UL 94)
Melting Temperature
Organic Solvents
Alkalies
Acids
Petro-Chemicals
UL Recognized
Spiral Wrap
Natural Polyethylene
Lowest cost material for indoor use up to 122°F.
Natural is available in all sizes.
-40°F
(-40°C)
to 122°F
(50°C)
HB
239°F
(115°C)
Resistant
below 140°F
(60°C) except
to chlorinated
solvents
Resistant
Resistant except
to oxidizing acids
Some
Discoloration
UL File
E141152
Weather Resistant Polyethylene
This material has the same properties as natural polyethylene, and also has additives which allow it to resist the effects of ultraviolet light and acid rain in an outdoor environment. This product is available in black only.
-40°F
(-40°C)
to 122°F
(50°C)
HB
239°F
(115°C)
No
Discoloration
Fire Resistant Polyethylene*
UL94-V-2 Rating. This material is self extinguishing and passes the UL 94 flame retardant test with V-2 rating.
V-2
239°F
(115°C)
Some
Discoloration
Flame Retardant Polyethylene*
UL94-V-0 Rating. This material is self extinguishing and passes the UL94 flame retardant test with a V-0 rating.
-4°F
(-20°C)
to 122°F
(50°C)
V-0
270°F
(132°C)
Resistant
except to
halogenated
hydrocarbons
Resistant Resistant
Resistant
Some
Discoloration
Weather Resistant Polypropylene
This material is resistant to chemical attack and is suitable for harsh environment applications requiring UV/weather resistance and withstanding high temperatures.
-40°F
(-40°C)
to
239°F
(115°C)
HB
334°F
(168°C)
Resistant No
Discoloration
Nylon 6.6
Nylon is strong, durable material for indoor use up to 149°F. It offers a combination of lightweight, wide temperature range, and high abrasion resistance. This material is suitable for applications where heavy vibration or stress exists on the wiring or tubing.
-40°F
(-40°C)
to 149°F
(65°C)
HB
505°F
(263°C)
Resistant

except to
halogenated
hydrocarbons
Resistant
Not
recommended
Resistant No
Discoloration
Weather Resistant Nylon 6.6
This material has the same properties as natural
Nylon and also has additives which allow it to
resist the effects of ultraviolet light in an outdoor
environment. This product is available in black
only.
HB
TFE‡*
This material is a non-flammable, fluorocarbon
resin material. Highly resistant to most chemicals,
high resistance to UV exposure, wide operating
temperature range, can be used in cryogenic
applications. Color: Opaque to Translucent.
-454°F
(-270°C)
to
356°F
(180°C)
V-0
648°F
(342°C)
ResistantResistant Resistant
Resistant No
Discoloration
Pan-Wrap
™
Natural Polyethylene
Lowest cost material for indoor use up to 122°C.
Natural is available in all sizes.
-40°F
(-40°C)
to 122°F
(50°C)
HB
239°F
(115°C)
Resistant
below 140°F
(60°C) except
to chlorinated
solvents
Resistant
Resistant except
to oxidizing acids
Some
Discoloration
UL File
E141152
Flame Retardant Polyethylene*
UL94-V-0 Rating. This material is self extinguishing
and passes the UL94 flame retardant test with a
V-0 rating.
-4°F
(-20°C)
to 122°F
(50°C)
V-0
270°F
(132°C)
Resistant
except to
halogenated
hydrocarbons
Resistant Resistant
Resistant
Some
Discoloration
Note: Typical operating temperature ranges are extended based on end use application