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PANDUIT®
Technical Data Sheet

18900 Panduit Drive Tinley Park, IL 60487
Customer Service: 800-777-3300

TDS#: 1005411
Effective Date: 09/18/2025
Revision: AA

Thin Wall Solid Color

This specification is intended to outline the physical and chemical resistance properties of *PANDUIT*'s Thin Wall Solid Color.

Panduit Part Numbers			
BGHSTT05	BGHSTT06	BGHSTT09	BGHSTT12
BGHSTT19	BGHSTT25	BGHSTT38	BGHSTT50
BGHSTT75	BGHSTT100	HSTT06-Q	HSTT09-Q
HSTT12-Q	HSTT19-Q	HSTT25-Q	HSTT38-Q
HSTT50-Q	HSTT05-48-Q	HSTT06-48-Q	HSTT09-48-Q
HSTT12-48-Q	HSTT19-48-Q	HSTT25-48-Q	HSTT38-48-Q
HSTT50-48-Q	HSTT19-48-Q1	HSTT25-48-Q1	HSTT50-48-Q1
HSTT05-48-Q2	HSTT06-48-Q2	HSTT09-48-Q2	HSTT12-48-Q2
HSTT19-48-Q2	HSTT25-48-Q2	HSTT38-48-Q2	HSTT50-48-Q2
HSTT19-48-Q3	HSTT25-48-Q3	HSTT50-48-Q3	HSTT05-48-Q4
HSTT06-48-Q4	HSTT09-48-Q4	HSTT12-48-Q4	HSTT19-48-Q4
HSTT25-48-Q4	HSTT38-48-Q4	HSTT50-48-Q4	HSTT06-48-Q5
HSTT09-48-Q5	HSTT12-48-Q5	HSTT19-48-Q5	HSTT25-48-Q5
HSTT38-48-Q5	HSTT50-48-Q5	HSTT05-48-Q6	HSTT06-48-Q6
HSTT12-48-Q6	HSTT19-48-Q6	HSTT25-48-Q6	HSTT38-48-Q6
HSTT50-48-Q6	HSTT05-48-Q10	HSTT06-48-Q10	HSTT09-48-Q10
HSTT12-48-Q10	HSTT19-48-Q10	HSTT25-48-Q10	HSTT38-48-Q10
HSTT50-48-Q10	HSTT06-Y	HSTT09-Y	HSTT12-Y
HSTT19-Y	HSTT25-Y	HSTT38-Y	HSTT50-Y
HSTT75-Y	HSTT100-Y	HSTT06-C2	HSTT12-C4
HSTT19-C4	HSTT25-C4	HSTT50-C4	HSTT75-C4
HSTT12-C6	HSTT19-C6	HSTT-YK1	HSTT-YK2
HSTT06-YK1	HSTT09-YK1	HSTT12-YK1	HSTT19-YK1
HSTT25-YK1	HSTT38-YK1	HSTT50-YK1	HSTT75-YK1
HSTT100-YK1	HSTT38-T2	HSTT50-T2	HSTT75-T2
HSTT38-T4	HSTT75-T4	HSTT38-T5	HSTT38-T6
HSTT50-T6	HSTT75-T6	HSTT38-T10	HSTT75-T10
HSTT06-M4	HSTT09-M4	HSTT06-M5	HSTT09-M10
HSTT400-L	HSTT300-48-2	HSTT400-48-2	HSTT50-48-5
HSTT75-48-5	HSTT100-48-5	HSTT150-48-5	HSTT200-48-5
HSTT75-48-5-1	HSTT100-48-5-1	HSTT50-48-5-2	HSTT75-48-5-2
HSTT100-48-5-2	HSTT150-48-5-2	HSTT200-48-5-2	HSTT75-48-5-3
HSTT100-48-5-3	HSTT50-48-5-4	HSTT75-48-5-4	HSTT100-48-5-4
HSTT150-48-5-4	HSTT200-48-5-4	HSTT50-48-5-5	HSTT75-48-5-5
HSTT100-48-5-5	HSTT50-48-5-6	HSTT75-48-5-6	HSTT100-48-5-6
HSTT150-48-5-6	HSTT200-48-5-6	HSTT50-48-5-10	HSTT75-48-5-10
HSTT100-48-5-10	HSTT150-48-5-10	HSTT200-48-5-10	

Application Notes: Flame-Retardant

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Product

Visual

Color:	Black, Blue, Brown, Green, Orange, Red, White, Yellow

Environmental

Environment Use:	Indoor

Thermal Performance

Flammability Rating:	UL224 VW-1
Operating Temperature:	-67°F to 257°F (-55°C to 125°C)
Heat Shock:	No cracking
Shrink Temperature:	194°F (90°C)
Thermal Conditioning:	(158±1.0) °C, 7 days

Dimensional Performance

Shrink Ratio:	2:1
Longitudinal Change:	≤ ±10%
Concentricity:	Min. 65%

Electrical Performance

Voltage Rating:	600V

Material

General

Material Description:	Cross-Linked Polyolefin

Electrical Characteristics

Volume Resistivity:	≥ 10^{12} Ω-cm
Dielectric Strength:	2500V (60s), no breakdown

Miscellaneous

Halogen Free:	No

Regulatory

Certifications

Panduit UL File:	E122770 E342365
CSA File:	041513_M_022

Standards

RoHS:	YES
Mil Spec:	AS23053/5 Class 3

Shipping and Storage

Storage Temperature:	104°F (40°C), avoid direct sunlight
Shelf Life:	5 years