PANDUIT Cable Accessories

PANDUIT®

Selection Guide

	Test Method	Nylon 6.6	Nylon 6.6	Weather Resistant Nylon 6.6	Impact Modified Weather Resistant Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Weather Resistant Nylon 6.6	Flame Retardant Nylon 6.6	Flame Retardant Nylon 6.6	Polypropylene	Weather Resistant Polypropylene	General Purpose ABS	General Purpose ABS	Weather Resistant ABS	TEFZEL
Color	—	Black, Gray	Natural, White	Black	Black	Black	Natural	Black	Black	Natural	Gray, White, Green	Black	Black, Gray	Natural, White, Ivory	Black	Aqua
Part Number Suffix (Material Designation)	—	20, 14	None	0	0	30	39	300	60	69	14, None, 109	100	20, 14	None	0	76
Mechanical Properties																
Tensile at Yield 73°F (psi)	ISO 527	12,000	12,000	12,000	7,500	12,000	12,000	12,000	11,000	11,000	4,100	4,100	6,500	6,500	6,500	7,500
Water Absorption (24 Hours)	ASTM D570	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.1%	1.1%	.1%	.1%	.3%	.3%	.3%	<.03%
Radiation Resistance (Rads)	—	1×10^5	1×10^5	1×10^5	1×10^5	1×10^5	1×10^5	1×10^5	1×10^5	1×10^5	1×10^6	1×10^6	—	—	—	2×10^8
Weathering Life Expectancy (Years)/UV Resistance	—	1-2	1-2	7-9	7-9	4-5	1-2	7-9	1-2	1-2	1-2	7-9	1	1	7-9	>15
Impact Resistance	—	○	○	○	◔	○	○	○	◒	◒	◔	◔	◔	◔	◔	●
Chemical Resistance																
Salts	—	◒	◒	◒	◒	◒	◒	◒	◒	◒	●	●	●	●	●	●
Hydrocarbons (Gas, Oil, Lubricants)	—	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●
Chlorinated Hydrocarbons	—	◔	◔	◔	◔	◔	◔	◔	◔	◔	○	○	●	●	●	●
Acids	—	●	●	●	●	●	●	●	●	●	◔	◔	○	○	○	●
Bases	—	◔	◔	◔	◔	◔	◔	◔	◔	◔	●	●	●	●	●	●
Acid Rain	—	◒	◒	◒	◒	◒	◒	◒	◒	◒	●	●	●	●	●	●
Thermal Properties																
Max. Continuous Use Temperature	UL 746B	185°F 85°C	185°F 85°C	185°F 85°C	185°F 85°C	239°F 115°C	239°F 115°C	212°F 100°C	212°F 100°C	212°F 100°C	239°F 115°C	239°F 115°C	185°F 85°C	185°F 85°C	185°F 85°C	338°F 170°C
Min. Application Use Temperature	EN 50146	-40°F -40°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-76°F -60°C	-40°F -40°C	-40°F -40°C	-40°F -40°C	-76°F -60°C
Flammability Rating	UL 94	V-2	V-2	V-2	HB	V-2	V-2	V-2	V-0	V-0	HB	HB	HB	HB	HB	V-0
Low Smoke	ASTM E662	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	—	—	—	—	—	—
Oxygen Index	BS ISO 4589	27	28	28	—	28	28	28	34	34	—	—	18–20	18–20	18–20	30
Halogen Free	IEC 60754-2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Burning Fume Toxicity	BSS-7239	PASS	PASS	PASS	PASS	PASS	PASS	PASS	—	—	—	—	—	—	—	—
Heat Deflection Temperature at 1.9 Mpa	ASTM D648 ISO 75-1/-2	158°F 70°C	158°F 70°C	158°F 70°C	145°F 63°C	158°F 70°C	158°F 70°C	158°F 70°C	154°F 68°C	154°F 68°C	122°F 50°C	122°F 50°C	210°F 99°C	210°F 99°C	210°F 99°C	—
Relative Price	—	Low	Low	Low	Low	Low	Low	Med	Med	Med	Med	Med	Low	Low	Low	High

Recommendation legend	Highest	High	Acceptable	Low	Lowest
	●	◔	○	◒	●

Table continues on page 2

Properties shown are based on data obtained from third party resources and are subject to normal manufacturing tolerances.

Material Selection Guide (continued)

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Color	—	Black, Gray	Natural, White	Black	Black	Black	Natural	Black	Black	Natural	Gray, White, Green	Black	Black, Gray	Natural, White, Ivory	Black	Aqua
Part Number Suffix (Material Designation)	—	20, 14	None	0	0	30	39	300	60	69	14, None, 109	100	20, 14	None	0	76
ABMQ Multiple Bridge Mounts																
ABMQS													X	X	X	
Adhesive Backed Cord Clips																
ACC		X	X	X												
Adhesive Backed Mounts																
ABM1M			X	X												
ABMM														X	X	
ABM2S														X	X	
ABM100		X	X	X					X							
ABM112		X	X	X					X							
ABM3H		X	X	X												
ABM4H		X	X	X												
Aerial Support Ties																
AST												X				
Bevel Entry Clips																
BEC		X	X	X												
BECP		X	X													
Cable Holder – Adhesive Backed																
CH105		X														
Cable Tie Mounts – Screw Applied and User Supplied Adhesives																
TM			X	X		X	X		X	X		X				X
Circuit Board Posts																
CBP			X													
Circuit Board Locking Supports																
CBLS			X													
***CLINCHER*™ Adjustable Releasable Clamp**																
ARC											X (Gray, White)					
Epoxy Applied Mounts																
EMS			X	X												
Extra-Heavy Cable Tie Mounts																
TMEH				X							X (Green)	X				
Fixed Diameter Cable Clamps																
CCS			X	X												
CCH			X	X												
Harness Clips																
HCMP		X				X										
***HYPER-V*™ Cable Tie Mounts**																
HVMPM					X						X (Green)	X				
Latching Wire Clips																
LWC		X	X													
Latching Flat Cable Mounts																
FCM		X														
Latching Flat Cable Holders																
FCH		X														

Material Selection Guide (continued)

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Part Number Suffix (Material Designation)	—	20, 14	None	0	0	30	39	300	60	69	14, None, 109	100	20, 14	None	0	76
Low Profile Mounts – Screw Applied																
LPMM		X	X													
LPMS		X	X													
Masonry Push Mounts																
MPMS					X											
MPMWH					X											
Multiple Tie Plates																
MTP			X				X									
Nylon Edge Clips																
HCME						X										
Push Barb Cable Tie Mounts																
PWMS			X	X												
TM2PWH			X			X										
Push Button Mounts																
PBMS		X	X	X		X										
Push Mounts																
PM2H25			X	X		X										
Push Mounts with Umbrella and Push Mount Assemblies																
PUM						X										
Rounded Edge Multiple Tie Plates																
MTPC							X									
Stud Tie Mounts																
TMSTLHS				X		X										
TMSTHS					X											
***Super-Grip*® Adhesive Backed Mounts**																
SGABM			X	X												
***Super-Grip*® Masonry Push Mounts**																
SGMPMS					X											
SGMPMWH					X											
***Super-Grip*® Tie Mounts**																
SGTM			X	X												
***Tak-Ty*® Hook & Loop Cable Tie Mounts**																
ABMT		X	X						X	X						
Tie Anchor Mounts – Screw Applied																
TA1			X	X		X				X						
TA2			X													

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For more information

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Contact Customer Service by email: cs@panduit.com
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