

KYNAR® Insulated Butt Splices

PANDUIT®

SPECIFICATION SHEET

specifications

KYNAR® insulated butt splices shall be suitable for harsh applications, including those with high gamma radiation and exposure to aggressive chemical solvents. KYNAR® insulated butt splices shall have excellent chemical and radiation resistance in addition to being physically stable at high temperatures of up to 300°F (150°C). KYNAR® insulated butt splices shall be electrically insulating to 600 V per UL 486C. KYNAR® insulated butt splices shall be available in wire sizes #22 – 10 AWG.



technical information

Industry standards:	BSK10: UL and cUL Listed to UL 486C
Maximum voltage rating:	600 V
Maximum insulation temperature:	300°F (150°C)

key features and benefits

KYNAR® material	Delivers superior resistance to gamma radiation and aggressive chemical solvents and is stable at high temperatures up to 300°F (150°C)
Metal insulation grip sleeve	Provides wire strain relief for reduced strain on the connector, resulting in a reliable connection Offers an insulation crimp to prevent the wire's insulation from pulling back and exposing copper strands, for protection against electric shorts
Funnel wire entry	Stripped end of wire is funneled into the crimp barrel while preventing turned back strands that can lead to short circuits.
Color-coded insulation	Natural semi-transparent with industry standard color strip to indicate applicable wire size for quick visual identification of part

applications

KYNAR® insulated butt splices provide a reliable termination solution for equipment control applications in nuclear containment areas of power plants, requiring superior performance, and high chemical resistance in elevated temperatures up to 300°F (150°C).

KYNAR® insulated butt splices complement existing Panduit KYNAR® insulated ring terminals offered for similar chemical resistant and high temperature applications, to provide a high quality termination solution that contributes to the overall reliability, and productivity of the physical infrastructure.

Related Products

KYNAR® Insulated Ring Terminals

Wire range 22 – 16 AWG

#4 stud size:	PK18-4R-C
#6 stud size:	PK18-6R-C
#8 stud size:	PK18-8R-C
#10 stud size:	PK18-10R-C
1/4" stud size:	PK18-14R-C
5/16" stud size:	PK18-56R-C
3/8" stud size:	PK18-38R-C

Wire range 18 – 14 AWG

#4 stud size:	PK14-4R-C
#6 stud size:	PK14-6R-C
#8 stud size:	PK14-8R-C
#10 stud size:	PK14-10R-C
1/4" stud size:	PK14-14R-C
5/16" stud size:	PK14-56R-C
3/8" stud size:	PK14-38R-C

Wire range 12 – 10 AWG

#6 stud size:	PK10-6R-L
#8 stud size:	PK10-8R-L
#10 stud size:	PK10-10R-L
1/4" stud size:	PK10-14R-L
3/8" stud size:	PK10-38R-L

KYNAR® Insulated Large Wire Ring Terminals

Wire range 8 AWG

#8 stud size:	PK8-8R-T
#10 stud size:	PK8-10R-T
1/4" stud size:	PK8-14R-T
5/16" stud size:	PK8-56R-T
3/8" stud size:	PK8-38R-T
1/2" stud size:	PK8-12R-T

Wire range 6 AWG

#8 stud size:	PK6-8R-T
#10 stud size:	PK6-10R-T
1/4" stud size:	PK6-14R-T
5/16" stud size:	PK6-56R-T
3/8" stud size:	PK6-38R-T
1/2" stud size:	PK6-12R-T

Wire range 4 AWG

#10 stud size:	PK4-10R-T
1/4" stud size:	PK4-14R-T
5/16" stud size:	PK4-56R-T
3/8" stud size:	PK4-38R-T
1/2" stud size:	PK4-12R-T

Wire range 2 AWG

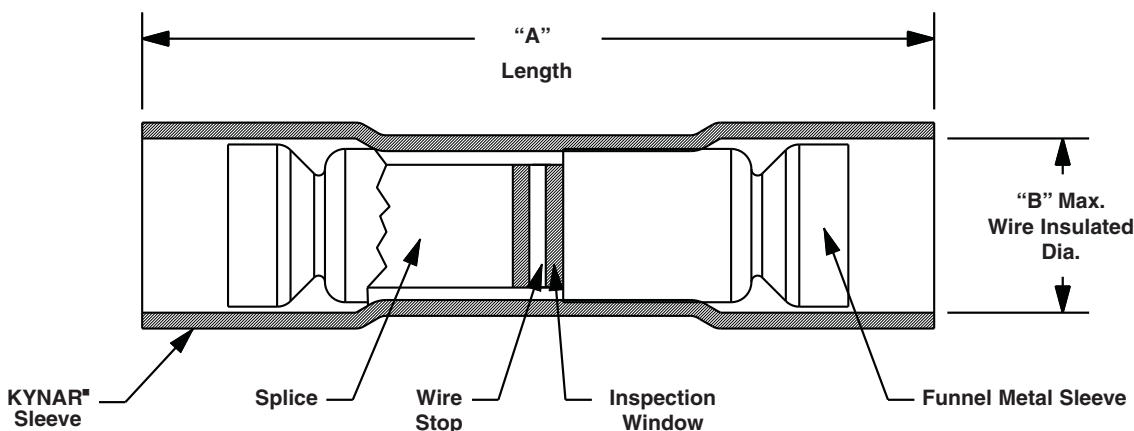
#10 stud size:	PK2-10R-T
1/4" stud size:	PK2-14R-T
5/16" stud size:	PK2-56R-T
3/8" stud size:	PK2-38R-T
1/2" stud size:	PK2-12R-T

®KYNAR is a registered trademark of Atofina Chemicals Inc.

KYNAR® Insulated Butt Splices

product information

Part Number	Wire Range (AWG)	Wire Range (mm ²)	Color Code	(A) Length		(B) Max. Wire Ins.		Wire Strip Length (in.)	Wire Strip Length (mm)	Recommended Installation Tool
				(in.)	(mm)	(in.)	(mm)	[+1/32 -0]	[+0.8 -0]	
BSK18	22 – 18	0.5 – 10	Red Stripe	1.12	28.5	0.14	3.5	3/8	9.5	CT-400
BSK14	16 – 14	1.5 – 2.5	Blue Stripe	1.12	28.5	0.16	4.1	3/8	9.5	CT-400, CT-460
BSK10	12 – 10	4.0 – 6.0	Yellow Stripe	1.24	31.5	0.23	5.7	3/8	9.5	CT-460



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For a copy of Panduit product warranties, log on to www.panduit.com/warranty

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