

# 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

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

## key features and benefits

<b>KYNAR® material</b>	Delivers superior resistance to gamma radiation and aggressive chemical solvents and is stable at high temperatures up to 300°F (150°C)
<b>Metal insulation grip sleeve</b>	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
<b>Funnel wire entry</b>	Stripped end of wire is funneled into the crimp barrel while preventing turned back strands that can lead to short circuits.
<b>Color-coded insulation</b>	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

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

##### Wire range 18 – 14 AWG

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

##### Wire range 12 – 10 AWG

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

#### KYNAR® Insulated Large Wire Ring Terminals

##### Wire range 8 AWG

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

##### Wire range 6 AWG

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

##### Wire range 4 AWG

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

##### Wire range 2 AWG

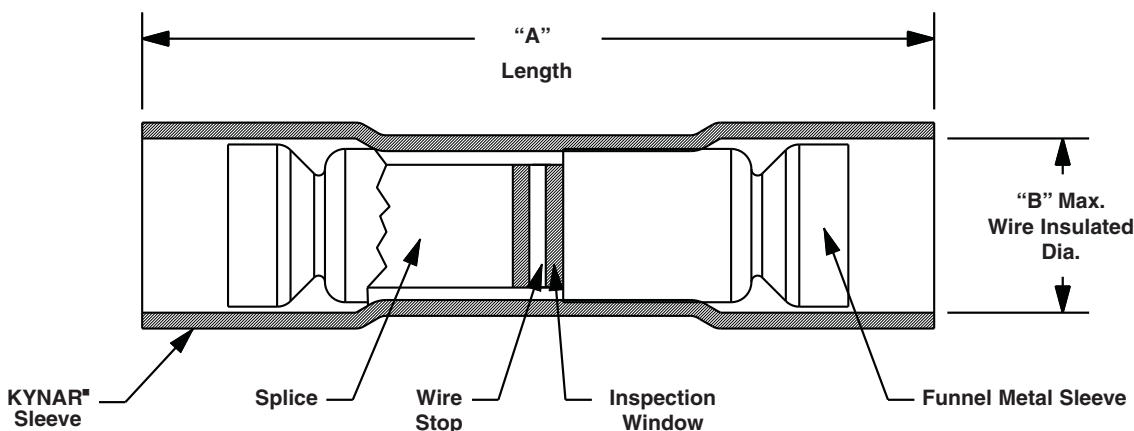
<b>#10 stud size:</b>	PK2-10R-T
<b>1/4" stud size:</b>	PK2-14R-T
<b>5/16" stud size:</b>	PK2-56R-T
<b>3/8" stud size:</b>	PK2-38R-T
<b>1/2" stud size:</b>	PK2-12R-T

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## product information

Part Number	Wire Range (AWG)	Wire Range (mm <sup>2</sup> )	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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