

Specialty Cable Selection Guide

Selection Criteria	Armorfast MC/ITC	† ITC/PLTC PVC	† ITC/PLTC PUR	"Super Cable" S529	XOR
Page Number	N9	N9 - N16	N17 - N19	N25	N22
Ozone and UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent
Temperatures	-25° to 105°C	-25° to 105°C		-60° to 105°C	-50° to 80°C
Cold Bend test	-25°C	-25°C	-60°C	-60°C	-40°C
Abrasion & Cut-through resistance	Fair	Fair	Excellent	Excellent	Fair
Flexing (# of cycles)	2 million	2 million	2 million	2 million	2 million
Tensile strength (psi)	2100	2300	1800	2300	
Burn resistance	Fair/Good	Fair/Good	Excellent	Excellent	Good
Oxidation resistance	Excellent	Excellent	Excellent	Excellent	Excellent
Water resistance	Excellent	Excellent	Excellent	Excellent	Excellent
Cost	\$	\$\$	\$\$	\$\$	\$
Weld Slag resistance	Poor	Good	Good	Good	Excellent+ 250°C Short-term
Flame Test					
UL Test standards	Vertical Tray	Vertical Tray	Vertical Tray	Horizontal	N/A
CSA Test standards	FT4	FT 4	FT4	FT1	N/A
IEC Test Standards	60332-3 Cat. A	60332-3 Cat. A	60332-3 Cat. A		
IEEE Test Standards	1202	1202	1202		
Chemical Resistance					
Acids	Fair/Good	Fair/Good	Good	Good	Fair/Good
Alkalines	Good	Good	Excellent	Excellent	Good
Alcohols	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair
Most Solvents	Poor/Fair	Poor/Fair	Poor	Poor	Poor/Fair
Oils	Good	Good	Excellent	Excellent	Good
Gasoline	Poor	Poor	Poor	Poor	Poor
Greases	Good	Good	Excellent	Excellent	Good
Available in Cordsets					
<i>euromast</i> ®	X	X	X	X	X
<i>picofast</i> ®			X		
<i>minifast</i> ®	X	X	X		
<i>microfast</i> ®			X		
<i>multifast</i> ®		X	X		
<i>V*fast</i> ®			X		

† ITC/PLTC ratings found under "Type" column of PVC or PUR *reelfast*® cable tables.

Shielded Cable Selection Guide

Selection Criteria	PVC Braided	PVC Braided & Foil	PVC Foil	PUR Braided	PUR Braided & Foil	PUR Foil
Ozone and UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Temperatures	-40° to 105°C	-40° to 105°C	-40° to 105°C	-60° to 105°C	-60° to 105°C	-60° to 105°C
Cold Bend test	-40°C	-40°C	-40°C	-60°C	-60°C	-60°C
Abrasion & Cut-through resistance	Fair	Fair	Fair	Excellent	Excellent	Excellent
Flexing (# of cycles)	2 million	2 million	2 million	2 million	2 million	2 million
Tensile strength (psi)	2100	2100	2100	1800	1800	1800
Burn resistance	Fair/Good	Fair/Good	Fair/Good	Good	Good	Good
Oxidation resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Cost	\$	\$\$	\$\$	\$\$\$	\$\$\$	\$\$
Flame Test						
UL Test standards	Horizontal	Horizontal	Horizontal	Vertical Tray	Vertical Tray	Vertical Tray
CSA Test standards	FT 1	FT 1	FT 1	FT 4	FT 4	FT 4
Chemical Resistance						
Acids	Fair/Good	Fair/Good	Fair/Good	Good	Good	Good
Alkalines	Good	Good	Good	Excellent	Excellent	Excellent
Alcohols	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair
Most Solvents	Poor/Fair	Poor/Fair	Poor/Fair	Poor	Poor	Poor
Oils	Good	Good	Good	Excellent	Excellent	Excellent
Gasoline	Poor	Poor	Poor	Poor	Poor	Poor
Greases	Good	Good	Good	Excellent	Excellent	Excellent
Available in Cordsets						
<i>eurofast</i> ®	X	X	X	X	X	X
<i>picofast</i> ®	X	X			X	X
<i>minifast</i> ®	X	X		X	X	X
<i>microfast</i> ®	X	X		X	X	X
<i>multifast</i> ®	X	X			X	X
<i>V*fast</i> ®	X	X			X	X

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Note: Braid and foil information can be found under the "shield" column in **reelfast**® cable tables.