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Fiber Insulations

To be used as a guide only.

Nomex® and Dacron® is a registered trademark of DuPont.

Insulation	Recommended Max Operating Temperature	AWG Sizes Available	Advantages	Limitations
Nylon	130°C	3 - 44	<ul style="list-style-type: none">- Abrasion Resistant- Good space factor- Solderable	<ul style="list-style-type: none">- Not recommended for ultimate minimum fiber wall
Celanese	130°C	3 - 44	<ul style="list-style-type: none">- Excellent RF value- Chemical soluble	<ul style="list-style-type: none">- Poor abrasion resistance- Non elastic
Cotton	105°C	8 - 40	<ul style="list-style-type: none">- Abrasion Resistant- Good, low cost serving	<ul style="list-style-type: none">- Space factor inferior to nylon, silk or Celanese- Non-Solderable
Nomex®	200°C	8 - 40	<ul style="list-style-type: none">- Excellent electrical properties at high temperatures- Good space factor	<ul style="list-style-type: none">- Non-Solderable- Higher cost compared to other fibers
Polyester/Dacron	155°C	8 - 40	<ul style="list-style-type: none">- Excellent electrical properties at high temperatures	<ul style="list-style-type: none">- Space factor inferior to Nylon, silk or Celanese- Non-Solderable