



# MATERIALS GUIDE

## Bundling & Securing

### 175°C +

EXTREME  
TEMPERATURE

#### Stainless Steel

- -80°C to 540°C (-112°F to 1000°F)
- 304 and 316 Grade
- Extreme Conditions

#### PEEK

- -55°C to 240°C (-67°F to 464°F)
- High Strength and Flame Resistance

#### PAEK

- -55°C to 180°C (-67°F to 356°F) Tested to -55°C to 200°C (-67°F to 392°F) on specific products.\*
- High Strength and Flame Resistance

### 150°-175°C

HIGH  
TEMPERATURE

#### ETFE

- -80°C to 180°C (-112°F to 356°F)
- UV, High Chemical, and Radiation Resistance

#### PPS

- -40°C to 150°C (-40°F to 302°F)
- Impact and High Chemical Resistance

#### PVDF

- -80°C to 140°C (-112°F to 284°F)
- UV and High Chemical Resistance

### 125°-150°C

MODERATE TEMPERATURE

#### PA46

- -40°C to 130°C (-40°F to 266°F)
- High Performance Nylon

#### PA66 Heat Stabilized

- -40°C to 125°C (-40°F to 257°F)
- Heat and Chemical Resistance

### 125°C or Less

STANDARD  
TEMPERATURE

#### Polypropylene

- -40°C to 115°C (-40°F to 239°F)
- Chemical Resistance

#### PA66 Impact, Heat and UV Resistant

- -40°C to 105°C (-40°F to 221°F) Tested to -40°C to 125°C (-40°F to 257°F) on specific products.\*\*
- UV and Vibration Resistance

#### PA12

- -40°C to 120°C (-40°F to 248°F)
- UV Resistance, Low Moisture Absorption

#### POM / Polyacetal

- -40°C to 90°C (-40°F to 194°F)
- Option for UV Resistance w/additives
- Low Moisture Sensitivity, Chemical Resistance

#### PA66 UV Resistant

- -40°C to 85°C (-40°F to 185°F)
- UV Resistance

#### PA66 Flame Retardant

- -40°C to 100°C (-40°F to 212°F)
- Where UL94-V0 is Required

#### PA66

- -40°C to 85°C (-40°F to 185°F)
- UV Resistant, Flame Retardent Grades Available

#### Metal Content Ties

- -40°C to 85°C (-40°F to 185°F)
- Complies with US FDA Title 21 CFR

\* Ratchet P-Clamps, Cable Ties and Fir Tree Assemblies

\*\* Ratchet P-Clamps