**COAXIAL CABLE SYSTEMS**
Coaxial cables provide:
- Flexibility
- High extrusion speeds
- Low dielectric constant
- Uniform cell structure
- Crush and heat resistance
- Ease of chemical foaming

<table>
<thead>
<tr>
<th>CATEGORY CABLES</th>
<th>DESCRIPTION</th>
<th>APPLICATION</th>
</tr>
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<tbody>
<tr>
<td>FireCon™ CPE 30-33 RoHS Black</td>
<td>Flexible flame retardant CPE blend designed for use in harsh environments</td>
<td>90 rated cable jacketing formulation optimal for FT4, UV, and outdoor performance</td>
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<tr>
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<td>Flexible flame retardant CPE blend designed for use in harsh environments</td>
<td>90 rated cable jacketing formulation optimal for FT4, UV, and outdoor performance</td>
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</tbody>
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**OPTICAL FIBER SYSTEMS**
Optical fiber cables provide:
- Resistance to harsh environments, chemicals and strain from sunlight
- Low temperature brittleness resistance
- Low smoke & toxicity and improved flame retardant performance for fire safety
- Flexibility
- High extrusion speeds

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<td>Low smoke and fume, non-halogen Flame retardant polypropylene for category cable cross-web</td>
<td></td>
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<tr>
<td>Maxxam™ FR 0587-21 R3</td>
<td>Halogenated formulation Flame retardant polypropylene for category cable cross-web and insulation</td>
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**WIRE & CABLE SOLUTIONS**
Specialty Engineered Materials

<table>
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<tr>
<th>PRODUCT SELECTION GUIDE</th>
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<td>WIRE &amp; CABLE</td>
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<tr>
<td>SOLUTIONS</td>
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**Coaxial Cables**

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**Environmental Strain Resistant Systems**

| FireCon™ FR 0521-48 R1 | Low smoke and fume, non-halogen Flame retardant polypropylene for category cable cross-web |
| FireCon™ FR 0587-21 R3 | Halogenated formulation Flame retardant polypropylene for category cable cross-web and insulation |
Jacketing solutions for low and medium voltage power cables provide:

- Resistance to harsh environments, chemicals and UV degradation
- Low temperature brittleness resistance
- Low smoke & toxicity and improved flame performance for fire safety
- Flexibility
- High extrusion speeds and ease of coloring

LOW & MEDIUM VOLTAGE POWER CABLE JACKETING

DESCRIPTION

APPLICATION

Environmental Strain Resistant Systems

FireCon™ CPE 30-33 RoHS Black
Flexible flame retardant CPE blend designed for use in harsh environments, optimal for FT4, UV, and outdoor performance

FireCon™ CPE 30-20 RoHS Natural
Flexible flame retardant CPE blend designed for use in harsh environments, optimal for FT4, UV, and outdoor performance

FireCon™ CPE 37-36 RoHS Black
Flexible flame retardant CPE blend designed for use in harsh environments, optimal for FT4, UV, and outdoor performance

Low Smoke & Fume, Non-Halogen Systems

ECCOH™ LSF0H SOLUTIONS
Low Smoke & Fume, Non-Halogen
- Improved fire safety
- Low smoke & toxicity
- Flame performance
- Chemical resistance

Low Temperature Performance Systems

ECCOH™ LSF0H SOLUTIONS
Low Smoke & Fume, Non-Halogen
- Improved fire safety
- Low smoke & toxicity
- Flame performance
- Chemical resistance

LOW VOLTAGE SOLAR POWER CABLES
DESCRIPTION

APPLICATION

Syncure™ S110FV-UV
VW-1 flame, FV-1, UL-44 and UL-4703 requirement for cable insulation

Syncure™ S110FV
VW-1 flame, UL-44 requirement for cable insulation

Syncure™ S100BL
Horizontal flame performance, black, UL-44 requirement for cable insulation

Syncure™ S112BL
Horizontal flame performance, black, CSA 22.2 requirement for cable insulation

Syncure™ S100FH-UV
Horizontal flame performance, FV-1, UL-44 and UL-4703 requirement for cable insulation

Syncure™ S100FH
Horizontal flame performance, UL-44 requirement for cable insulation

Syncure™ S100NA
Non-flame retardant, CSA 22.2 requirement for cable insulation

Syncure™ S100NA-UV
Non-flame retardant, UV-38 requirement for cable insulation

Syncure™ S112FH
Non-flame retardant, CSA 22.2 requirement for cable insulation

Syncure™ S112FH-UV
Non-flame retardant, UV-38 requirement for cable insulation

Flexibility & LTB Performance Systems

Syncure™ RT-080 UV
Flexible at low temperatures, flexibility & LTB ≤ –5ºC for cable packing

Syncure™ RT-080 Black
Flexible at low temperatures, flexibility & LTB ≤ –5ºC for cable packing

Syncure™ RT-080 Natural
Flexible at low temperatures, flexibility & LTB ≤ –5ºC for cable packing

Low Smoke & Fume, Non-Halogen Systems

ECCOH™ LSF0H SOLUTIONS
Low Smoke & Fume, Non-Halogen
- Improved fire safety
- Low smoke & toxicity
- Flame performance
- Chemical resistance

MAXXAM™ SY
Flame Retardant Chlorinated Polyethylene
- Flame performance
- Low dielectric
- Uniform cable structure
- Crush and heat resistance
- Ease of chemical foaming

SYNPRENE™ RT
Flame Retardant Thermoplastic Elastomers
- Flexibility
- Flame performance
- Low temperature brittleness resistance
- Chemical resistance
- Colorable

Low Smoke & Fume, Non-Halogen Systems

ECCOH™ LSF0H SOLUTIONS
Low Smoke & Fume, Non-Halogen
- Improved fire safety
- Low smoke & toxicity
- Flame performance
- Chemical resistance

MAXXAM™ SY
Flame Retardant Chlorinated Polyethylene
- Resistance to harsh environments
- Good low temperature performance
- Flame performance
- High extrusion speeds
- Sunlight resistance

MAXXAM™ FR
Flame Retardant Polypropylene
- Flame performance
- Low dielectric
- High extrusion speeds
- High workability
- Alternative to FEP

ECCOH™ LSF0H SOLUTIONS
Low Smoke & Fume, Non-Halogen
- Improved fire safety
- Low smoke & toxicity
- Flame performance
- Chemical resistance

SYNCURE™ XPLE Moisture Cured Polyethylene Formulations
- Ambient curing
- Flame performance
- Resistant to heat, oil, creep and abrasion
- Low temperature properties
- Low capital investment
- High extrusion speeds
- UL/CSA builds

FIRECON™ Flame Retardant Chlorinated Polyethylene
- Resistance to harsh environments
- Chemical performance
- Sunlight resistance

High performance insulation, jacketing and cross-web formulations for the wire & cable industry