

Abrasion Protection

Panduit® abrasion protection products provide an economical and easy way to insulate, protect, bundle and color-code components and cable. A wide variety of sizes and materials are available to meet a broad range of indoor and outdoor applications. To help assure optimum quality, Panduit abrasion protection products are designed and manufactured to meet applicable quality standards including International, UL, Military, ISO, and Aerospace.



- **Pan-Wrap™ Split Harness Wrap** features a patented slot pattern to improve flexibility and abrasion protection
- **Spiral wrap** bundles and protects wire and cable while providing the largest variety of colors, materials, and sizes to meet a variety of needs
- **Grommet edging** protects wire and cable from damage caused by sharp panel edges
- **Heat shrink** is available in many different materials and sizes to meet a variety of needs
- **Corrugated loom tubing** is crush, impact, and abrasion resistant to reduce the risk of damage to wire and cable
- **Braided expandable sleeving** provides continuous abrasion resistance and lightweight durable protection, with a flexible open weave that will not trap heat or humidity

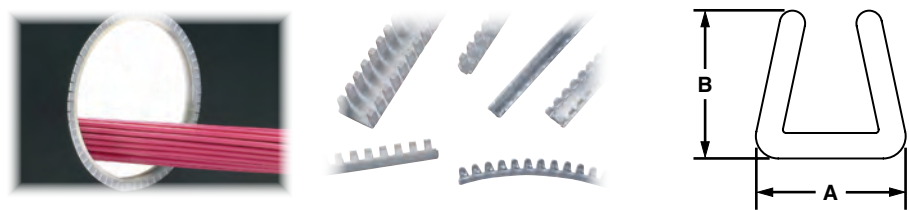
Panduit abrasion protection products provide quality at the lowest installed cost. With a continued focus on new product development, Panduit continues to meet customer needs.

Part Number System for Grommet Edging

| <u>GEE</u> | <u>36</u> | <u>F</u> | <u>—</u> | <u>A</u> | <u>—</u> | <u>C</u> | <u>0</u> |
|------------------------------|------------------------|-----------------------------------|----------|----------------------------|----------|--------------|-----------------------------|
| Type | Max. Panel Thickness | Material | | Adhesive | | Package Size | Color Suffix |
| GE = Grommet Edging Strips | 36 = 0.036" thickness | F = Polyethylene | | A = Adhesive Lined | | Q = 25' | 0 = Weather Resistant Black |
| GEE = Slotted Grommet Edging | 62 = 0.062" thickness | N = Nylon 6.6 | | Leave Blank = Non-Adhesive | | L = 50' | Leave Blank = Natural |
| | 99 = 0.099" thickness | FR = Flame Retardant Polyethylene | | | | C = 100' | |
| GES = Solid Grommet Edging | 144 = 0.144" thickness | | | | | | |
| | 189 = 0.189" thickness | | | | | | |

Grommet Edging

- Use slotted product on irregularly shaped and round panel holes
- Solid product is used only on straight edges
- Provided in 0.030" (0.8mm) thick material making it highly flexible
- UL File: E351393 (Nylon Materials is not UL Recognized)
- Adhesive Lined Grommet Edging: 3 year shelf life



| Part Number | Width A | | Height B | | Panel Thickness Range | | Material | Color | Temperature Range | Std. Pkg. Qty.‡ |
|-------------|---------|-----|----------|-----|-----------------------|-----------|--------------------------------|---------|---------------------------------|-----------------|
| | In. | mm | In. | mm | In. | mm | | | | |
| Slotted | | | | | | | | | | |
| GEE36F-C | 0.11 | 2.7 | 0.12 | 3.0 | 0.026 – 0.036 | 0.7 – 0.9 | Polyethylene | Natural | -40°F – 122°F (-40°C – 50°C) | 1 |
| GEE36F-C0 | 0.11 | 2.7 | 0.12 | 3.0 | 0.026 – 0.036 | 0.7 – 0.9 | Weather Resistant Polyethylene | Black | | 1 |
| GEE62F-C | 0.13 | 3.3 | 0.16 | 4.1 | 0.036 – 0.062 | 0.9 – 1.6 | Polyethylene | Natural | | 1 |
| GEE62F-C0 | 0.13 | 3.3 | 0.16 | 4.1 | 0.036 – 0.062 | 0.9 – 1.6 | Weather Resistant Polyethylene | Black | | 1 |
| GEE99F-C | 0.17 | 4.3 | 0.19 | 4.7 | 0.062 – 0.099 | 1.6 – 2.5 | Polyethylene | Natural | | 1 |
| GEE99F-C0 | 0.17 | 4.3 | 0.19 | 4.7 | 0.062 – 0.099 | 1.6 – 2.5 | Weather Resistant Polyethylene | Black | | 1 |
| GEE144F-C | 0.21 | 5.4 | 0.22 | 5.6 | 0.099 – 0.144 | 2.5 – 3.7 | Polyethylene | Natural | | 1 |
| GEE144F-C0 | 0.21 | 5.4 | 0.22 | 5.6 | 0.099 – 0.144 | 2.5 – 3.7 | Weather Resistant Polyethylene | Black | | 1 |

‡Reel packaging may contain splices. Contact Panduit Customer Service for further information.
 Natural color can range from opaque to clear.