Image Requirements for Safe Gear

Technical specifications for content managers uploading images to the Safe Gear store.

1. Product Page Images

Parameter	Value
Recommended size	2048 x 2048 px
Minimum size	1200 x 1200 px
Aspect ratios	1:1 (square), 4:5 (portrait), 16:9 (landscape)
Format	JPG or PNG (Shopify auto-converts to WebP)
Color profile	sRGB
Resolution	72 DPI

2. Collection / Thumbnail Images

Parameter	Value
Recommended size	800 x 800 px
Minimum size	600 x 600 px
Aspect ratio	1:1 (square) preferred
Format	JPG
Color profile	sRGB
Resolution	72 DPI

3. Icons & Badges

Parameter	Value
Size	90 x 90 px (displays at 45px, 2x for retina screens)
Format	PNG (with transparency) or SVG

Examples: security grades (S1, S2, Grade 0-7), fire resistance ratings (30/60/90/120 min).

4. General Technical Recommendations

- **Color profile:** Always use sRGB — other profiles may display colors incorrectly on web
- **Resolution:** 72 DPI is the web standard; higher DPI increases file size without visual benefit
- **Format choice:**

    - JPG — for photographs and complex images
    - PNG — for images requiring transparency
    - SVG — for icons and logos (scalable, smallest size)

- **Aspect ratio consistency:** Use the same aspect ratio across all products in a collection for uniform grid appearance
- **Alt text:** Required for every image (SEO + accessibility)
- **Master files:** Keep original high-resolution files (3000px+) archived for future use
- **Background:** White or transparent preferred for product images
- **Compression:** Shopify CDN handles optimization automatically; no manual compression needed before upload