



403 Microfibers[®] Filler Technical Data Sheet

Technical Data Sheet

General Description

403 Microfibers, a fine fiber blend, is used as a thickening additive that builds volume quickly and blends easily to create a multipurpose adhesive, especially for bonding wood. Epoxy thickened with Microfibers has good gap-filling qualities while retaining excellent wetting/penetrating capability. Cures to a gray color.






403 Filler

Density of Filled Epoxy*

| | Catsup | Mayonnaise | Peanut Butter |
|---------|--------------------------|--------------------------|--------------------------|
| Density | 70.5 lbs/ft ³ | 65.5 lbs/ft ³ | 67.4 lbs/ft ³ |
| | 1.13 g/cm ³ | 1.05 g/cm ³ | 1.08 g/cm ³ |

Mixed Epoxy Required for Consistency*

| Filler | | Catsup Consistency | Mayonnaise Consistency | Peanut Butter Consistency |
|--------|---------|---|---|---|
| | |  |  |  |
| Size | Weight | | | |
| 403-9 | 6.0 oz | 3.8 qt | 2.5 qt | 1.0 qt |
| 403-28 | 20.0 oz | 3.2 gal | 2.0 gal | 0.9 gal |
| 403-B | 20.0 lb | 48.0 gal | 32.0 gal | 15.3 gal |

Adhesive Filler Selection Guide

| Filler | Bonding Hardware | General Bonding | Bonding with Fillets | Laminating |
|----------------------|------------------|-----------------|----------------------|------------|
| 403 Microfibers | ★★★ | ★★★ | ★★ | ★★★★ |
| 404 High-Density | ★★★★ | ★★★ | ★★ | ★★ |
| 405 Filleting Blend | ★★ | ★★ | ★★★ | ★★ |
| 406 Colloidal Silica | ★★★ | ★★★ | ★★★★ | ★★★ |

Filler suitability for various uses ★★★★★ = excellent, ★★★★ = very good, ★★★ = good, ★★ = fair, (no stars) = not recommended.

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*Although Fillers can be used with any WEST SYSTEM Epoxy, all properties based on use with the 105 system