



## 404 High-Density Filler Technical Data Sheet

### Technical Data Sheet

### 404 Filler

#### General Description

404 High-Density Filler is a thickening additive developed for maximum physical properties in hardware bonding where high-cyclic loads are anticipated. It can also be used for filleting and gap-filling where maximum strength is necessary. Cures to a gray color.



#### Density of Filled Epoxy\*

|         | Catsup                                             | Mayonnaise                                         | Peanut Butter                                      |
|---------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Density | 81.8 lbs/ft <sup>3</sup><br>1.31 g/cm <sup>3</sup> | 74.9 lbs/ft <sup>3</sup><br>1.20 g/cm <sup>3</sup> | 80.5 lbs/ft <sup>3</sup><br>1.29 g/cm <sup>3</sup> |

#### Mixed Epoxy Required for Consistency\*

| Filler |         | Catsup Consistency                                                                 | Mayonnaise Consistency                                                               | Peanut Butter Consistency                                                            |
|--------|---------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|        |         |  |  |  |
| Size   | Weight  |                                                                                    |                                                                                      |                                                                                      |
| 404-15 | 15.2 oz | 1.2 qt                                                                             | 0.9 qt                                                                               | 0.7 qt                                                                               |
| 404-45 | 43.0 oz | 3.6 qt                                                                             | 2.8 qt                                                                               | 2.0 qt                                                                               |
| 404-B  | 30.0 lb | 9.4 gal                                                                            | 7.4 gal                                                                              | 5.3 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