403 Microfibers® Filler Technical Data Sheet

Technical Data Sheet

403 Filler

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.



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