

Diamond Suspensions

Allied diamond suspensions are specifically formulated to assure that the diamond particles remain suspended and separated throughout the stable liquid carrier. They are excellent for distributing diamond easily and uniformly over the cloth or platen surface, and are made with either alcohol (water-free), glycol or water based formulas. All 8 and 16 oz. bottles include a flip-top and trigger sprayer for dispensing. Gallons include a pre-labeled 16 oz. empty bottle for dispensing convenience.

Alcohol Based

An alcohol based suspension made with 100% polycrystalline diamond, recommended for water sensitive materials such as zinc, magnesium, and steel with non-metallic inclusions. Use with alcohol based lubricants only. Recommended for manual application or automatic "spray"/"drip" dispensing systems, where lubricant is also applied.

Polycrystalline

Micron (µm)	16 oz. (480 mL)	Gallon (3.8 L)
0.25	90-3AB0.25	90-3AB0.25-G
1	90-3AB1	90-3AB1-G
3	90-3AB3	90-3AB3-G
6	90-3AB6	90-3AB6-G
9	90-3AB9	90-3AB9-G
15	90-3AB15	90-3AB15-G



Glycol Based

A water-soluble and environmentally friendly diamond suspension mixed with glycol lubricant. Ideal for manual application or automatic "drip" dispensing systems. Color-coded for easy identification of micron size.

Polycrystalline		Mono	
16 oz. (480 mL)	Gallon (3.8 L)	Micron (µm)	16 oz. (480 mL)
90-29995	90-29995-G	0.05	-
90-30000	90-30000-G	0.10	-
90-30005	90-30005-G	0.25	-
90-30010	90-30010-G	0.50	-
90-30015	90-30015-G	1	90-31015
90-30020	90-30020-G	3	90-31020
90-30025	90-30025-G	6	90-31025
90-30030	90-30030-G	9	90-31030
90-30035	90-30035-G	15	90-31035
90-30040	90-30040-G	30	90-31030
-	-	45	90-31045

Water Based

Water soluble and environmentally friendly, this 99% water based formula is recommended for manual application or automatic "spray"/"drip" dispensing systems, where lubricant is also applied.

Polycrystalline				Monocrystalline	
8 oz. (240 mL)	16 oz. (480 mL)	Gallon (3.8 L)	Micron (µm)	16 oz. (480 mL)	Gallon (3.8 L)
90-32995	90-31995	90-31995-G	0.05	-	-
90-33000	90-32000	90-32000-G	0.10	-	-
90-33005	90-32005	90-32005-G	0.25	-	-
90-33010	90-32010	90-32010-G	0.50	-	-
90-33015	90-32015	90-32015-G	1	90-32115	90-32115-G
90-33020	90-32020	90-32020-G	3	90-32120	90-32120-G
90-33025	90-32025	90-32025-G	6	90-32125	90-32125-G
90-33030	90-32030	90-32030-G	9	90-32130	90-32130-G
90-33035	90-32035	90-32035-G	15	90-32135	90-32135-G
90-33040	90-32040	90-32040-G	30	90-32140	90-32140-G
-	-	-	45	90-32145	90-32145-G