

Materials List for

Balloon Tag Manufacturing Technique for Sensor Fish and Live Fish Recovery

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Materials

Name	Company	Catalog Number	Comments
3D Printed Silicone Stopper Plate	NA	NA	
ARC800 Sensor Fish	ATS	NA	
FDM 3D printer	NA	NA	
Manual Capsule Filler Machine CN-400CL (Size #3)	Capsulcn	NA	
Mold Star 15 SLOW	Smooth-On	NA	
Oil-Resistant Buna-N O-Ring	McMaster-Carr	SN: 9262K141	
Oxalic Acid, 98%, Anhydrous Powder (C ₂ H ₂ O ₄)	Thermo Scientific	CAS: 144-62-7	
Rubber Band Expansion Tool	iplusmile	NA	
Separated Vegetable Cellulose Capsules (Size #3)	Capsule Connection	NA	
Smiley Face YoYo Latex balloon	YoYo Balloons, Etc.	NA	
Sodium Bicarbonate Powder (CHNaO ₃)	Sigma	CAS: 144-55-8	
Spectra Fiber Braided Fishing Line (50 lbs.)	Power Pro	NA	