

Pool Leak Detection Essential Equipment Guide

31 items · Starter kit for residential pool leak detection

This guide lists the essential equipment used by professional pool leak detection technicians. Part numbers are included because for Anderson plugs specifically, the part number indicates the plug size — you cannot order correctly without it.

CLOSED PLUGS

Used to seal off lines during pressure testing. Anderson Manufacturing is the primary supplier — part number indicates plug size.

■ Nylon Plugs

#	Product Name	Size	Part No.	Manufacturer	Qty
1	Anderson Nylon Closed Plug	15/16"	120N	Anderson Mfg.	6
4	Anderson Nylon Closed Plug	1-3/8"	140N	Anderson Mfg.	6
5	Anderson Nylon Closed Plug	1-1/2"	145N	Anderson Mfg.	6
9	Anderson Nylon Closed Plug	1-7/8"	155N	Anderson Mfg.	6

■ Inflatable / Pneumatic (Closed)

#	Product Name	Size	Part No.	Manufacturer	Qty
49	Anderson Inflatable Plug (Closed)	1-1/2"	550	Anderson Mfg.	4
50	Anderson Inflatable Plug (Closed)	2"	555	Anderson Mfg.	4

■ Inflation Extension Hoses

#	Product Name	Size	Part No.	Manufacturer	Qty
58	Extension Hose	10 ft	530	Anderson Mfg.	2
59	Extension Hose	2 ft	520	Anderson Mfg.	6

OPEN PLUGS

Allow water flow through while maintaining a pressure seal. Used during active testing.

■ Standard Open Plugs

#	Product Name	Size	Part No.	Manufacturer	Qty
66	Anderson Standard Open Plug	15/16"	O20	Anderson Mfg.	1
67	Anderson Standard Open Plug	1-3/8"	O40	Anderson Mfg.	1
68	Anderson Standard Open Plug	1-1/2"	O45	Anderson Mfg.	1
69	Anderson Standard Open Plug	1-5/8"	O50	Anderson Mfg.	1

70	Anderson Standard Open Plug	1-7/8"	O55	Anderson Mfg.	1
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■ Inflatable / Pneumatic (Open)

#	Product Name	Size	Part No.	Manufacturer	Qty
73	Anderson Inflatable Plug (Open)	1-1/2"	550BP-CPH	Anderson Mfg.	1
74	Anderson Inflatable Plug (Open)	2"	555BP-CPH	Anderson Mfg.	1
75	Anderson Inflatable Plug (Open)	2-1/2"	557BP	Anderson Mfg.	1

ELECTRONIC EQUIPMENT

Listening and pressurization equipment. Essential for acoustic leak detection.

■ Listening Devices

#	Product Name	Size	Part No.	Manufacturer	Qty
82	Fisher XLT17 Electronic Listener	—	XLT17	Anderson / Fisher	1

■ Compressors

#	Product Name	Size	Part No.	Manufacturer	Qty
99	Air Brush Compressor	—	AIRBRUSH-COMP	Central Pneumatic	1

HAND TOOLS — DYE TESTING

Used to visually confirm active leak points underwater.

■ Dye Testing Kit

#	Product Name	Size	Part No.	Manufacturer	Qty
131	50 ML Dye Syringe	—	DYE-SYR	Amazon	2
132	2" 25 Gauge Needles	—	DYE-NDLS	—	5
133	Fluorescent Dye	8 oz bottle	DYE-8OZ	—	1

DIVE EQUIPMENT

Required for underwater visual inspection of pool surfaces, fittings, and plumbing.

■ Basic Diving Gear

#	Product Name	Size	Part No.	Manufacturer	Qty
134	Mask and Snorkel	—	MASK-SNORK	—	1
136	Dive Weight Belt	—	DIV-WGHT	—	1
137	Underwater Flashlight	—	UW-FLASH	—	1

PIPING SUPPLIES

Air hoses and fittings for pressurization testing of pool plumbing lines.

■ Air Hoses & Fittings

#	Product Name	Size	Part No.	Manufacturer	Qty
184	Air Hose — PVC / Rubber	3/8" x 25 ft	AIR-25-PVC	Harbor Freight	1
185	Air Hose — Hybrid	3/8" x 50 ft	AIR-50-HYB	Harbor Freight	1
186	Air Hose — Polyurethane	3/8" x 25 ft	AIR-25-PU	Harbor Freight	1
187	Female Air Coupling — Quick Connect	—	AIR-COUP-F	—	4
188	Male Air Coupling — Quick Connect	—	AIR-COUP-M	—	4

MISCELLANEOUS — REPAIR CONSUMABLES

Underwater epoxy for temporary leak mitigation during inspection.

■ Epoxy

#	Product Name	Size	Part No.	Manufacturer	Qty
198	Atlas Epoxy — White	—	ATLAS-WHT	Atlas	2
199	Atlas Epoxy — Black	—	ATLAS-BLK	Atlas	1

Ready to go deeper?

This guide shows you *what* to buy. The H.U.N.T.E.R. Field Guide shows you *how to use it* — the complete inspection workflow, pressure testing procedures, dive inspection process, and the systematic decision-making framework behind professional leak detection.

Get the H.U.N.T.E.R. Leak Detection Field Guide — \$47

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