

UMBILICALS INTERNATIONAL

Surface Dive Fitting Product Guidelines

Surface diving fittings for diver umbilicals are considered a consumable item and require appropriate maintenance, inspection and periodic replacement to ensure peak performance. UI (Umbilicals International) recommends end user company and divers develop and follow specific maintenance procedures and inspection procedures in line with the end user's dive environment and service requirements. UI also recommends end users adopt a life-cycle management plan for consumables and fittings to ensure the consumable products are periodically retired and replaced at regular intervals to ensure diver safety and performance of the dive system. UI recommends end user groups consider their specific dive environment and dive practices and make appropriate selection of material and fittings appropriate to their intended service.

Some suggested guidelines include:

- UI recommends pre-dive and post-dive inspection of fittings and consumable for unexpected damage or degradation (such as corrosion or metal fatigue), and identification of same for replacement.
- UI recommends pre-dive and post-dive maintenance of consumables including but not limited to fresh water rinsing and washing of all parts to minimize corrosion in conjunction with a thorough visual inspection.
- UI recommends appropriate use and placement of bend restrictors and fitting boots and to specifically avoid leaving the consumables and fittings exposed to corrosive fluid environments (aka: salt water) for extended periods of time.
- UI recommends consumables and fittings be considered for replacement after any unintended impacts during service, storage or handling.
- UI recommends periodic pressure testing of all fittings.



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