



Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

PRODUCT DATASHEET

Kirby Morgan 18B Band Mask



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

Kirby Morgan 18B Band Mask W Posts

Kirby Morgan 18B Band Mask W Male W.P. Conn

OVERVIEW

The fully tested and certified the Kirby Morgan KMB 18B Band Masks may be used by commercial divers in mixed gas commercial diving as well as shallow water commercial diving.



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FEATURES

SuperFlow® 350 Regulator: This all metal, fully adjustable, Commercial Rated, demand regulator provides easy breathing and excellent performance with low pressure compressors.

Air Train: The air train diffuses incoming breathing air/gas onto the face port/lens to defog and ventilate.

Communications: Communications are non-modular (like the SuperLite 17B helmet). When ordered with male waterproof connector (for 4 wire communications), the mask also includes bare wire posts. When ordered with bare wire posts (for 2 wire communications), the port for the mwp connector is plugged.

Defogging Steady Flow Valve: Provides an additional flow of gas into the helmet for ventilation and defogging.

Emergency (EGS) Valve: Supplies backup breathing gas to the diver.

Gas Supply Non-Return Valve: Prevents loss of gas pressure in the event of umbilical damage, preventing a "squeeze".

Head Harness (Spider): Keeps the mask in place on the divers head. The neoprene rubber spider has adjustment holes for varying the tension of the harness.

Nose Block Device: Allows the diver to block the nose to equalize ears

Side Block: Multi use side block has additional ports built in to provide controlled air flow, if needed.

Silicone Oral Nasal Mask: Made of a superior silicone material which is hypo-allergenic and has a longer work life than latex.

Stainless Steel Bands: Bands hold the Hood/Face seal in place on the mask frame. They also provide the mounting studs for the Head Harness (Spider).

Tri-Valve® Exhaust With Whisker Wings: Retrofits to many previous Kirby Morgan Helmets and BandMasks®, has less breathing resistance than the older single valve exhaust while providing an extremely dry hat. The Tri-Valve® Exhaust is made of a chemical resistant compound.

SPECIFICATION

Weight: KMB® 18 - 13.63 pounds KMB® 28 - 12.73 pounds

Mask Frame: KMB® 18: Fiberglass, polyester resin, polyester gel coat, and carbon fibers Mask Frame
KMB® 28: Xenoy thermoplastic

Control Knobs: Polyurathane



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Lens: Clear polycarbonate

Hood: Neoprene.

O-Rings: Buna-N

Recommended Lubricants: Dow Corning MS4 Silicone Lubricant. Krytox® and Halocarbon® are also acceptable.

Cage Code: The cage code for identifying Kirby Morgan DSI products for U.S. government purposes is 58366.

CE Approved: Both the Kirby Morgan 18 and 28 Bandmasks are CE Approved.

Regulator Performance: Kirby Morgan SuperFlow® 350 Performance. The Kirby Morgan SuperFlow® 350 regulator on the Kirby Morgan 18 & 28 bandmasks offers high performance. The commercial diving regulator has been tested at Dive Lab at Panama City Florida. It meets all current U.S. Navy and European commercial diving standards.

CR Standards: These masks meet or exceeds all standards established by Dive Lab of Panama City Florida and are CR (Commercially Rated) marked.

Temperature Limitations: Use at water temperatures below 33 degrees Fahrenheit (1 degrees Celsius) requires use of the Kirby Morgan Hot Water Shroud (PN 525-100) and hot water.

Operational Specifications & Limitations: Commercial Diving Umbilical minimum I.D. 3/8" (9.5 mm) of not more than two sections total length not to exceed 600 feet (183m). This bandmask meets or exceeds all requirements of NPD Health and Safety (U.K.) United States Navy ADCI United States and is CR rated by Dive Lab Panama City Fla. USA. Recommended overbottom (OB) gas supply pressure for best performance at depths are calculated by the formula $(fsw \times 0.445 + 14.7) + \text{recommended p.s.i.g.}$

ORDER THIS PRODUCT

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