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MEDICAL WIRE



DRYSWAB™

The World's Leading Swab Ranges for Specimen Collection

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One of the World's Leading Swab Ranges for Specimen Collection

Medical Wire have been making the DRYSWAB™ for 70 years. These are the fundamental tools used to collect specimens or samples for analysis, or simply to transfer materials during a diagnostic procedure. Although the essential design of a bud on the end of a shaft has not changed since swabs were introduced in the late 19th century, the materials used have. Clinical swabs are now considered to be medical devices, requiring them to conform to all of the international standards for safety and performance.

Traditionally, the bud on the swab has consisted of a spun fibre such as cotton, rayon, polyester or calcium alginate wound round the end of the shaft which would be wood, plastic or wire. In recent years, novel bud materials have been introduced, such as soft cellular polyurethane foam, or flocked fibres which can give improved uptake and release of specimens. Medical Wire have extensive ranges of swabs utilising either spun fibres, cellular foam, or multifilament flock fibres, with something suitable for many applications.



APPLICATIONS

- **Clinical Microbiology**

Swabs for every type of specimen

- **Veterinary**

Specimen collection for all animals

- **Genetics**

Swabs for DNA testing

- **Environmental Sampling**

Surface and environmental sampling in food and pharmaceutical production

- **Forensic**

Accurate and effective evidence acquisition

- **Fully Automated Production**

Not only have swab designs and materials moved forward, Medical Wire's DRYSWAB™ products are now manufactured in the only fully automated assembly facility of its kind. Swab, tube and cap are all brought together and assembled into a complete device without any human handling, thus, reducing the possibility of any microbial or nucleic acid contamination. All of our Labelled Tube DRYSWAB™ products are sterilised by irradiation, but with the advent of molecular testing methods such as PCR, that is no longer enough. As traces of human DNA acquired during manufacture can remain after sterilisation and interfere with molecular tests, it is essential to prevent the presence of such contaminants in the first place, which is what our automated facility does par excellence.

SWAB TYPES

PEEL POUCH DRYSWAB™

Individual or multiple swabs are packed sterile and ready to use within an easy open tamper evident peel pouch. These are especially suitable where the specimen is to be tested immediately or transferred to another transport container, perhaps as part of a test kit. Each peel pouch has product and batch details printed for reference and traceability.

LABELLED TUBE DRYSWAB™

Each swab comes self-contained and ready to use with its own tube for easy transport to the laboratory. The swab is mounted in the tube plug which serves as a convenient holder so there is no need for direct handling of the swab. Each tube and cap assembly is sealed with a tamper evident label for assurance of sterility and which includes the batch details for traceability. The caps are colour coded according to the type of swab.

** Products with an asterisk do not have different colour caps, no plug or tamper evident seal. They are however in a peel pouch.*

RAYON

Rayon, also known as Viscose, is a processed form of cellulose and has been found to be particularly suitable for the recovery of microorganisms. The texture is similar to that of cotton, but it has none of the fatty acids or other substances that can be inhibitory to fastidious bacteria. It has also been shown to be compatible with many molecular based diagnostic tests. Rayon buds are used on most of our transport swabs.

POLYESTER

Polyester (often referred to as Dacron) is a completely synthetic material. It is frequently specified for use in particular molecular tests, as the non-biological nature ensures no interference or reactions.

FOAM






























This soft sponge-like material has a regular cellular matrix. Uptake of microorganisms and other sample materials can be easily acquired from the area that's being sampled. The structure of this swab bud allows for complete absorption & release of sample into transport media or reagents.

FLOCK

With PurFlock® and HydraFlock® swabs, the bud is formed by a layer of tiny multifilament polyester fibres of varying lengths, increasing the effective surface area of the swab.

Molecular Methods – All of Medical Wire's transport devices are compatible with most molecular testing methods. It is essential, however, to check with the molecular kit or system manufacturer to determine if they have any special requirements or methods for validation of collection devices. If additional validation is required, and in the absence of specific guidance, use an appropriate procedure such as Cumitech 31A to confirm the collection devices are suitable.



Swab in Peel Pouch		Bud	Shaft	Flexible	Break Point	Pack Size	
MW015	DRYSWAB™ Standard Tip	Rayon	Plastic	No	79mm	1250	
MW112	DRYSWAB™ Standard Tip	Rayon	Plastic	No	No	1250	
MW113	DRYSWAB™ Fine Tip	Rayon	Plastic	Yes	No	1250	
MW151	DRYSWAB™ ENT	Rayon	Straight Wire	No	No	1250	
MW153	DRYSWAB™ ENT	Rayon	Twisted Wire	Yes	No	1250	
MW155	DRYSWAB™ Pernal	Rayon	Ultrafine Twisted Wire	Yes	No	1250	
MW112D	DRYSWAB™ Plastic Shaft	Polyester	Plastic	No	No	1250	
MW151D	DRYSWAB™ ENT Straight Wire	Polyester	Straight Wire	No	No	1250	
MW940	Σ-SWAB® Standard Tip	Foam	Plastic	No	No	1250	
MW940/79	Σ-SWAB® Standard Tip	Foam	Plastic	No	79mm	1250	
MW940R	Σ-SWAB® Red Shaft	Foam	Plastic	No	No	1250	
MW943	Σ-SWAB® Mini Tip	Foam	Plastic	Yes	79mm	1250	
MW944	Σ-SWAB® Duo	Foam	Plastic	No	No	1250	
MW945	Σ-SWAB® Standard + Mini Tip	Foam	Plastic	No/Yes	No/79mm	1250	
MW810	PurFlock® Ultra Standard Tip Tapered Shaft	Foam	Plastic	No	80mm	1250	
MW811	PurFlock® Ultra Standard Tip Flexible Shaft	Foam	Plastic	No	80mm	1250	
MW812	PurFlock® Ultra Mini Tip Flexible Shaft	Foam	Plastic	Yes	No	1250	
MW813	PurFlock® Ultra Ultrafine Tip Flexible Shaft	Foam	Plastic	No	100mm	1250	
MW814	PurFlock® Ultra Micro Ultrafine Tip Flexible Shaft	Foam	Plastic	Yes	No/100mm	1250	
MW816	HydraFlock® Standard Tip Tapered Shaft	Foam	Plastic	No	80mm	1250	
MW817	HydraFlock® Standard Tip Flexible Shaft	Foam	Plastic	No	80mm	1250	
MW818	HydraFlock® Mini Tip Moulded Shaft	HydraFlock®	Plastic	Yes	No	1250	
MW819	HydraFlock® Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	1250	
MW820	HydraFlock® Micro Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	1250	
MW108	DRYSWAB™ Standard Tip	Cotton	Wood	No	No	1250	
MW108/2	DRYSWAB™ 2 per pouch	Cotton	Wood	No	No	600	
MW108/5	DRYSWAB™ 5 per pouch	Cotton	Wood	No	No	500	
MW108/10	DRYSWAB™ 10 per pouch	Cotton	Wood	No	No	300	
MW108/20	DRYSWAB™ 20 per pouch	Cotton	Wood	No	No	100	

Swab in Labelled Tube		Bud	Shaft	Flexible	Break Point	Pack Size	
325001*	DRYSWAB™ Standard Foam Σ-Tube®	Foam	Plastic	No	79mm	100	
325002*	DRYSWAB™ Standard Flocked Σ-Tube®	PurFlock	Plastic	No	79mm	100	
325003*	DRYSWAB™ Standard Rayon Σ-Tube®	Rayon	Plastic	No	79mm	100	
325004*	DRYSWAB™ Standard Dacron Σ-Tube®	Dacron	Plastic	No	79mm	100	
325005*	DRYSWAB™ Mini Tip Foam Σ-Tube®	Foam	Plastic	Yes	78mm	100	
325006*	DRYSWAB™ Mini Tip Flocked Σ-Tube®	PurFlock	Plastic	Yes	78mm	100	
MW100	DRYSWAB™ Fine Tip Σ-Tube®	Rayon	Plastic	Yes	No	400	
MW1028	DRYSWAB™ Standard Tip	Rayon	Plastic	No	No	800	
MW142	DRYSWAB™ ENT	Rayon	Straight Wire	No	No	400	
MW160	DRYSWAB™ Pernal	Rayon	Ultrafine Twisted Wire	Yes	No	400	
MW1028D	DRYSWAB™ Standard Tip	Polyester	Plastic	No	No	800	
MW941	Σ-SWAB® Standard Tip	Foam	Plastic	No	No	400	
MW942	Σ-SWAB® Standard Tip Duo	Foam	Plastic	No	No	400	
MW946	Σ-SWAB® Mini Tip	Foam	Plastic	Yes	78mm	400	
MW830	PurFlock® Ultra Standard Tip Tapered Shaft	PurFlock®	Plastic	No	80mm	400	
MW831	PurFlock® Ultra Standard Tip Flexible Shaft	PurFlock®	Plastic	Yes	80mm	400	
MW832	PurFlock® Ultra Mini Tip Flexible Shaft	PurFlock®	Plastic	Yes	No	400	
MW833	PurFlock® Ultra Ultrafine Tip Flexible Shaft	PurFlock®	Plastic	Yes	100mm	400	
MW834	PurFlock® Ultra Micro Ultrafine Tip Flexible Shaft	PurFlock®	Plastic	Yes	100mm	400	
MW836	HydraFlock® Standard Tip Tapered Shaft	HydraFlock®	Plastic	No	80mm	400	
MW837	HydraFlock® Standard Tip Flexible Shaft	HydraFlock®	Plastic	Yes	80mm	400	
MW838	HydraFlock® Mini Tip Flexible Shaft	HydraFlock®	Plastic	Yes	No	400	
MW839	HydraFlock® Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	400	
MW840	HydraFlock® Micro Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	400	
MW130	HOSPISWAB™ Albumin Coated Tip	Albumin Coated	Wood	No	No	800	
MW1048	DRYSWAB™ Wood Stick	Cotton	Wood	No	No	800	
MW104J	DRYSWAB™ Wood Stick Jumbo Bud	Cotton	Wood	No	No	800	

Applicator Swabs		Bud	Shaft	Flexible	Break Point	Pack Size	
MW116	DRYSWAB™ Wood Stick Non-sterile	Cotton	Wood	No	No	5000	
MW116S	DRYSWAB™ Wood Stick Sterile	Cotton	Wood	No	No	5000	
MW118	DRYSWAB™ Plastic Stick Non-sterile	Rayon	Plastic	No	No	5000	
MW118S	DRYSWAB™ Plastic Stick Sterile	Rayon	Plastic	No	No	5000	

Special Application		Bud	Shaft	Flexible	Break Point	Pack Size	
MW146	CYTOTAK™ Sampling Brush Bulk Non-sterile	Brush	Plastic	No	No	100	
MW147	CYTOTAK™ Sampling Brush Peel Pouch	Brush	Plastic	No	No	125	
MW148	CYTOTAK™ Sampling Brush Labelled Tube	Brush	Plastic	No	No	100	
MW123	Equine Flu Swab 40cm Pouch	Rayon	Plastic	Yes	No	100	
MW123/32	Equine Flu Swab 32cm Pouch	Rayon	Plastic	Yes	No	100	
MW124	Nasopharyngeal Swab with Bud 27cm	Rayon	Plastic	Yes	No	100	
MW126	Nasopharyngeal Swab with Bud 27cm	Brush	Twisted Wire	Yes	No	100	
MW128	Laryngeal Swab	Rayon	Straight Wire	Yes	No	100	
MW100	DRYSWAB™ Fine Tip	Rayon	Plastic	Yes	No	400	
MW113	DRYSWAB™ Fine Tip	Rayon	Plastic	Yes	No	1250	
MW142	DRYSWAB™ ENT	Rayon	Straight Wire	No	No	400	

Bulk Packed		Bud	Shaft	Flexible	Break Point	Pack Size	
MW810B	PurFlock® Ultra Standard Tip Tapered Shaft	PurFlock®	Plastic	No	80mm	1000	
MW811B	PurFlock® Ultra Standard Tip Flexible Shaft	PurFlock®	Plastic	Yes	80mm	1000	
MW812B	PurFlock® Ultra Mini Tip Flexible Shaft	PurFlock®	Plastic	Yes	No	1000	
MW813B	PurFlock® Ultra Ultrafine Tip Flexible Shaft	PurFlock®	Plastic	Yes	100mm	1000	
MW814B	PurFlock® Ultra Micro Ultrafine Tip Flexible Shaft	PurFlock®	Plastic	Yes	100mm	1000	
MW816B	HydraFlock® Standard Tip Tapered Shaft	HydraFlock®	Plastic	No	80mm	1000	
MW817B	HydraFlock® Standard Tip Flexible Shaft	HydraFlock®	Plastic	Yes	80mm	1000	
MW818B	HydraFlock® Mini Tip Moulded Shaft	HydraFlock®	Plastic	Yes	No	1000	
MW819B	HydraFlock® Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	1000	
MW820B	HydraFlock® Micro Ultrafine Tip Flexible Shaft	HydraFlock®	Plastic	Yes	100mm	1000	
MW128	Laryngeal Swab	Rayon	Straight Wire	Yes	No	100	
MW100	DRYSWAB™ Fine Tip	Rayon	Plastic	Yes	No	400	
MW121	DRYSWAB™ Fine Plastic Shaft	Rayon	Plastic	No	No	1000	
MW131	DRYSWAB™ ENT	Rayon	Straight Wire	No	No	1000	
MWSTICKS	Wooden Applicator Sticks Non-sterile	No bud	Wood	No	No	5000	

Food and Pharmaceutical		Bud	Shaft	Flexible	Break Point	Pack Size	
MW720	STERISWAB™ Labelled Tube Premoistened	Rayon	Plastic	No	45mm	250	
MW730	STERISWAB™ Labelled Tube Dry	Rayon	Plastic	No	45mm	250	
MW735/1	STERISWAB™ Peel Pouch Dry	Rayon	Plastic	Yes	45mm	150	
MW799	NRS-II TRANSWAB® Screw Cap Vial Dry 95mm	Rayon	Plastic	No	No	50	

Forensic		Bud	Shaft	Flexible	Break Point	Pack Size	
MW102FS	Forensic Swab Standard Tip	Rayon	Plastic	No	No	800	
MWDES	Double Ended Swab Tapered Tip	Cotton	Wood	No	No	800	
MWSCS	Scene of Crime Swab Tapered Tip	Cotton	Wood	No	No	800	

CE-marking and Sterilisation

Unless otherwise stated, all Medical Wire DRYSWAB™ products are sterilised by irradiation. All DRYSWAB™ products used for the collection of specimens from humans are CE-marked, and meet the requirements for Class 1s sterile medical devices as defined in the European Medical Devices Directive EC 93/42/EEC. All sterile swab devices are manufactured to ISO 13485:2016 and ISO 9001: 2015.

PurFlock® & HydraFlock® Swabs

PurFlock® & HydraFlock® Swabs are covered and protected by the following patents:
 PurFlock® Ultra: European Patent No. 2263549;
 US Patent No. 8420385
 HydraFlock®: European Patent No. 2263548
 US Patent No 8334134; Canada Patent No. 2744282



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