

Frequently Asked Questions about Deodorant Thread and its Applications

[1] About Deodorant thread and its applications (1/10)

1-1. Deodorant Thread	
1-1-1	<p>What is “Deodorant thread”?</p> <p>“Deodorant thread” is a generic term for the thread which has the ability to adsorb molecules of odors in the air or in the water and to make them neutralized and deodorized.</p>
1-1-2	<p>How is Deodorant thread produced?</p> <p>Deodorant thread is mixed and spun out of natural/synthetic fiber and “Deodorant fiber” which has the deodorant ability. “Deodorant fiber” is one kind of “High-functional fibers”, which is made from the nanotechnology-based gas-adsorbing fiber. (*)Natural fiber: cotton, Synthetic fibers: polyester, rayon and nylon.</p>
1-1-3	<p>How is Deodorant thread used?</p> <p>The usage of Deodorant thread is the same as existing thread such as cotton and synthetic thread. For example, Deodorant thread can be used as a woof for polyester fabric or as sewing thread for clothes. It also can be applied to hand sewing thread, hand crocheting thread and embroidery thread.</p>
1-1-4	<p>What kinds of odors can be deodorized by Deodorant thread?</p> <p>The odor components which Deodorant thread can deodorize depend on the chemical characteristic of Deodorant fiber contained in the thread. According to a public-service corporation “Japan Textile Evaluation Technology Council”, only the textile products which comply with the standards “Deodorant processed textiles certification criteria” are allowed to be called “Deodorant products”, which can deodorize either of Sweat odors, Aged-body odors, Excrement odors, Tobacco odors, Garbage odors or Ammonia odor. Refer to the answer to the question 3-1-5 about the odor components in detail.</p>
1-1-5	<p>What is “Anti-bacterial ability”?</p> <p>And, what is the relationship between “Anti-bacterial ability” and “Deodorant effect”?</p> <p>“Anti-bacterial ability” is the ability to prevent bacteria from propagating. The bacteria such as staphylococcus aureus on the surface of the skin decompose the sweat components (urea, fatty acids, etc.) and dead skin surface (keratin), and then they change them to odor components. If the propagation of bacteria is prevented, the odor components will be less consequently. According to a public-service corporation “Japan Textile Evaluation Technology Council”, only the textile products which comply with the standards “Anti-bacterial fiber product certification criteria” are allowed to be called “Anti-bacterial products”, which can prevent staphylococcus aureus from propagating below the predetermined level. Refer to the answers to the questions 3-2-5 though 3-2-6 about the criteria in detail. Needless to say, the combination of “Anti-bacterial fiber” and “Deodorant fiber” makes the deodorant effect increased.</p>
1-1-6	<p>What is Okumura Deodorant thread “Deodorey”?</p> <p>“Deodorey” is an American generic name of the deodorant threads and their applications which Okumura Company (Ishikawa, Japan) supplies. A deodorant thread such as “WeftYarn” and “PinkishWhite” is mixed and spun out of polyester fiber and Deodorant fiber.</p> <p>Foundation “Japan Synthetic Textile Inspection Association”, which is one of the designated Examining Authorities by “Japan Textile Evaluation Technology Council”, examined it based on the standards “Deodorant processed textiles certification criteria”, and issued the positive test results of “Deodorant effect”.</p>
1-1-7a	<p>What is Okumura “WeftYarn”?</p> <p>“WeftYarn” is the deodorant thread which was developed by Okumura as a weaving thread (woof) for fabrics. In details, refer to the leaflet “Deodorant Thread Deodorey - Weaving thread WeftYarn”.</p>
1-1-7b	<p>What is Okumura “PinkishWhite”?</p> <p>“PinkishWhite” is the deodorant thread which was developed by Okumura as a bobbin thread for a domestic sewing machine. It is the same materials and composition as Weaving thread WeftYarn - Type N2P. In details, refer to the leaflet “Deodorant Thread Deodorey - Bobbin Thread PinkishWhite”.</p>

[1] About Deodorant thread and its applications (2/10)

1-1. Deodorant Thread	
1-1-8	<p>What kinds of odors can Okumura "Deodorey" deodorize?</p> <p>It can deodorize Sweat odors and Aged-body odors mainly. In addition, it also can deodorize the same components (Ammonia & Acetic acid) as Sweat odors out of the components of Excrement odors, Tobacco odors and Garbage odors.</p>
1-1-9	<p>What is the major element of Deodorant fiber which is contained in Okumura "Deodorey"?</p> <p>The Deodorant fiber contained in Okumura "Deodorey" is a kind of Acrylate fibers. Followed by the standards "Deodorant processed textiles certification criteria", it is categorized as "The fourth ammonium salt".</p>
1-1-10	<p>How much is the deodorant capacity of Okumura "Deodorey"?</p> <p>According to the test report by Foundation "Japan Synthetic Textile Inspection Association", Okumura "Deodorey" has remarkable Deodorant ability - strong & speedy. That is, 3 grams (0.1 ounce, approximately 2ply-80 yards) of "WeftYarn" could adsorb and neutralize 98% of the initial ammonia gas 100ppm in 20 minutes.</p>
1-1-11	<p>The deodorizer using activated carbon has the limited effective period. How long does "Deodorant effect" of "Deodorey" continue?</p> <p>"Deodorant effect" of "Deodorey" can be recovered by washing or drying in the sun. That means it lasts almost indefinitely.</p>
1-1-12	<p>What is the thickness of Okumura weaving thread "WeftYarn"?</p> <p>There are two types: Type N1P: 1-strand thread: 20tex (180 denier, 50,000m/Kg) Type N2P: 2-strand thread: 40tex (360 denier, 25,000m/Kg)</p>
1-1-13	<p>What are the colors of Okumura "WeftYarn"? Is it possible to dye it in any color?</p> <p>The color of "WeftYarn" and "PinkishWhite" is light pinkish white. It is possible to yarn-dye and piece-dye them in faint (light) colors and light deep colors. However, they must be dyed under the specified conditions in order to avoid losing their deodorizing ability. Since they contain the deodorant fiber which is difficult to be dyed in dark (deep) colors, they cannot be dyed in dark colors such as black perfectly. If it is necessary for you to dye them by yourself, please consult with EmmaCreation in advance.</p>
1-1-14	<p>What is the order unit of Okumura "WeftYarn"?</p> <p>The order unit of Okumura "WeftYarn" is 1Kg-cone (2.2lbs). Please ask EmmaCreation for the minimum order lot.</p>
1-1-15	<p>I heard that one cone of Okumura "WeftYarn" is 1Kg (2.2lbs), which is 50,000m (55,556 yards) for 1-strand thread. It seems to be too large to me. Is it possible for Okumura to supply it as a smaller cone like 3,000m (3,333yards)?</p> <p>It is possible to divide an original cone into smaller cones. However, it will need an extra cost and lead to higher price. Please ask EmmaCreation for the price. For your information, "PinkishWhite" N1000, which was developed as a bobbin thread for a domestic sewing machine, is available. Its length is 1,000m (1,111 yards). It is the same materials and composition as Weaving thread WeftYarn - Type N2P. In details, refer to the leaflet "Deodorant Thread Deodorey - Bobbin Thread PinkishWhite".</p>
1-1-16	<p>Compared with existing threads, how much higher is the price of Deodorant Thread?</p> <p>It is very difficult to say generally how much higher the price of Deodorant Thread is. Because it extremely varies with the thread material, Deodorant fiber and its volume, and so on. If it is allowed to estimate very roughly, the price of Deodorant thread would be 8-15 times higher than existing threads. Regarding to the price of Okumura "WeftYarn", please send your inquiry to EmmaCreation.</p>

[1] About Deodorant thread and its applications (3/10)

1-1. Deodorant Thread	
1-1-17	<p>If we apply expensive Deodorant thread or Deodorant fabric to our current products, it will definitely increase their cost. I'm very concerned that the new price might be so high that general consumers cannot accept.</p> <p>It is very important to evaluate the added value of "Deodorant effect" against increased cost before deciding to apply Deodorant thread to your products.</p> <p>It is possible to study the feasibility of applying Deodorant material to your products from a view point of price by using the following cost simulation. (It is necessary to separately study its feasibility from a technical view point.)</p> <p>[Cost Simulation]</p> <p>(Step 1) Calculate the whole cost of your existing product and the cost of the parts to be replaced by Deodorant material.</p> <p>(Step 2) Calculate the whole cost of your new product after replacing the existing parts by Deodorant material.</p> <p>(Step 3) Set up the sale price of your new product based on the new cost.</p> <p>(Step 4) Check if the sale price can be accepted by the market or not, considering the added value of "Deodorant effect".</p> <p>[Examples of Cost Simulation]</p> <p>(Case 1) The cost rate of the parts to be replaced: 10% Deodorant material cost: 10 times higher The whole cost = $0.9 + 0.1 \times 10 = 1.90$. -> Increased by 90% from existing product.</p> <p>(Case 2) The cost rate of the parts to be replaced: 10% Deodorant material cost: 2 times higher The whole cost = $0.9 + 0.1 \times 2 = 1.10$. -> Increased by 10% from existing product.</p>
1-1-18	<p>I'm an apparel manufacturer in the US and interested in Okumura "Deodorey". Who can I contact to?</p> <p>The importer & distributor of Okumura products in North America area is EmmaCreation. Please contact to EmmaCreation.</p>
1-1-19	<p>I'm an apparel manufacturer in the US. I'd like to know what the FOB port and lead time of Okumura "Deodorey" is.</p> <p>In North America area, EmmaCreation imports Okumura "Deodorey" from Japan and supplies. Therefore, it will be shipped from CA, USA. The lead time would be 7-10 business days.</p>
1-1-20	<p>I'm an apparel manufacturer in the US. I'd like to purchase a sample of Okumura "Deodorey". Is it possible?</p> <p>Yes, it is.</p> <p>EmmaCreation, who is an importer & distributor of Okumura's products in North America area, is supplying a cone (1Kg) for a trial at a sample price to apparel manufacturers. Please contact to EmmaCreation.</p>
1-1-21	<p>I'm a distributor of machine thread in the US. I'm wondering if I can divide Okumura "WeftYarn" into smaller cones and sell them by my company's name or not. Is it possible?</p> <p>Yes, it is.</p> <p>Please contact to EmmaCreation.</p>
1-1-22	<p>I'm an apparel manufacturer in Europe and interested in Okumura "Deodorey". Who can I contact to?</p> <p>It is all right that you may contact to EmmaCreation first.</p>

[1] About Deodorant thread and its applications (4/10)

1-2. Deodorant Woven Tape	
1-2-1	<p>What is Okumura deodorant woven tape "Pearl"?</p> <p>"Pearl" is the tape which is woven of polyester thread (warp) and deodorant thread "WeftYarn" (woof/weft). Its width is between 5mm and 36mm. Therefore, "Pearl" has the deodorant ability itself. 3 weave types - Twilled tape, Grosgrain tape and Satin tape - are available. In details, refer to the leaflet "Deodorant Thread Deodorey - Woven tape Pearl".</p> <p>Foundation "Japan Synthetic Textile Inspection Association", which is one of the designated Examining Authorities by "Japan Textile Evaluation Technology Council", examined it based on the standards "Deodorant processed textiles certification criteria", and issued the positive test results of "Deodorant effect".</p>
1-2-2	
1-2-3	<p>What is the usage of Woven tape "Pearl"?</p> <p>They are currently used for "Washing Instruction Tag". However, considering their unique and remarkable features - "Deodorant effect", they are expected to be applied to various products around us. Refer to the answer to the question 1-5-4 about the applications.</p>
1-2-4	<p>How much does Woven tape "Pearl" cost?</p> <p>"Pearl" is custom-made. Its price varies with the specifications such as tape width, weave type, order lot (length) and so on. Please send your inquiry to EmmaCreation.</p>
1-2-5	
1-2-6	<p>I'm an apparel manufacturer in the US and interested in Woven tape "Pearl". Who can I contact to?</p> <p>The importer & distributor of Okumura's products in North America area is EmmaCreation. Please contact to EmmaCreation.</p>
1-2-7	<p>I'm an apparel manufacturer in the US. What is the lead time of Woven tape "Pearl"?</p> <p>"Pearl" is custom-made. Its lead time varies with the specifications such as tape width, weave type, order lot (length) and so on. In the case of 3,000m tape, it will take 2-3 weeks to weave. In addition, since EmmaCreation (CA) imports "Pearl" from Japan and supplies them in North America area, it is necessary to add another 1 week (Air freight). Therefore, the total lead time would be 3-4 weeks. This is just an example. Please send your inquiry to EmmaCreation first.</p>
1-2-8	<p>I'm a label manufacturer. I'd like to use Woven tape "Pearl" for my printed clothing labels. Can I purchase it from EmmaCreation?</p> <p>Yes, you can. "Pearl" is custom-made. Please request a quotation to EmmaCreation.</p>

[1] About Deodorant thread and its applications (5/10)

1-3. Deodorant Labels & Tags	
1-3-1	<p>Is Okumura Co. supplying Printed fabric labels, Woven labels and tags as well as Deodorant threads and tapes?</p> <p>Yes, it is. Okumura Co. manufactures custom design labels and tags for clothing such as washing instruction tags, brand name labels, size tags, and so on.</p>
1-3-2	<p>What is "Washing Instructions Tag"?</p> <p>Washing instructions are required for clothing per FTC rule in the US and need to be permanent. "Permanent" means that the instructions are expected to be visible for the useful life of the product. (Also, fabric content, company information and country of origin are required.)</p>
1-3-3	<p>What are the features of Okumura clothing labels and tags?</p> <p>The first feature is "High quality". The second feature is "Deodorant ability", which is the unique and amazing effect that can be obtained by using Deodorant thread "WeftYarn". Since the tag has those abilities itself, it works well around the spot where it is attached.</p>
1-3-4	<p>If Okumura Washing Instructions Tag is attached to the hem of under shirts or T-shirt, does it work well?</p> <p>The Deodorant effect depends on the tag size, that is, the volume of Deodorant thread "WeftYarn". It can be expected to deodorize the sweat odors from the waist around the tag although it is partially effective.</p>
1-3-5	<p>I'm an apparel manufacturer in the US. What are the price & the lead time of Okumura Washing Instruction Tag?</p> <p>Okumura Washing Instruction Tag is custom-made. Its price & lead time vary with the specifications such as tag size, print design and colors, weave type, order lot (number of tags) and so on. Regarding the price, it would be approximately 70%-90% higher than existing printed tags. Regarding the lead time, in the case of 5,000 sheets of tags, it will take 2-3 weeks to weave Woven tape "Pearl", to silkscreen the custom design on it, and to cut and make tags. In addition, since EmmaCreation (CA) imports Washing Instruction Tag from Okumura Co. (Japan), it is necessary to add another 1 week (Air freight). Therefore, the total lead time would be 3-4 weeks. This is just an example. Please send your inquiry to EmmaCreation first.</p>
1-3-6	<p>I'm an apparel manufacturer in the US. I'd like to order Okumura Washing Instruction Tag. What specifications are required for my orders?</p> <p>Okumura Washing Instruction Tag is custom-made. It is the best way to send a sample of the tag you are currently using to EmmaCreation together with the quantity you need. EmmaCreation will estimate the price and lead time based on the sample and the quantity. If you don't have a sample tag, please inform the print design & colors, tag size, weave type and quantity to EmmaCreation.</p>
1-3-7	<p>What is Okumura Woven Label for Clothing?</p> <p>Okumura Woven Label for Clothing is the special label, which is additionally woven of Deodorant thread "WeftYarn" on the backside of polyester woven label. Therefore, it has "Deodorant ability" itself.</p>
1-3-8	<p>If Okumura Woven Label for Clothing is attached to the neck of under shirts or T-shirts, does it work well?</p> <p>Yes, it does. The neck is one of the body spots where a human perspires profusely. It can be expected to deodorize the sweat odors around the neck.</p> <p>Foundation "Japan Synthetic Textile Inspection Association", which is one of the designated Examining Authorities by "Japan Textile Evaluation Technology Council", examined it based on the standards "Deodorant processed textiles certification criteria", and issued the positive test results of "Deodorant effect".</p>

[1] About Deodorant thread and its applications (6/10)

1-3. Deodorant Labels & Tags	
1-3-9	<p>I'm an apparel manufacturer in the US. What are the price & the lead time of Okumura Woven Label for Clothing?</p> <p>Okumura Woven Label for Clothing is custom-made. Its price & lead time vary with the specifications such as label size, label design and colors, weave type, order lot (number of tags) and so on. Regarding the price, it would be approximately 70%-90% higher than existing woven labels. Regarding the lead time, in the case of 5,000 sheets of labels, it will take 2-3 weeks to weave custom design, to additionally weave Deodorant thread "WeftYarn" on the backside, and to cut and make labels. In addition, since EmmaCreation (CA) imports Woven Label from Okumura Co. (Japan), it is necessary to add another 1 week (Air freight). Therefore, the total lead time would be 3-4 weeks. This is just an example. Please send your inquiry to EmmaCreation first.</p>
1-3-10	<p>I'm an apparel manufacturer in the US. I'd like to order Okumura Woven Label for Clothing. What specifications are required for my orders?</p> <p>Okumura Woven Label for Clothing is custom-made. It is the best way to send a sample of the label you are currently using to EmmaCreation together with the quantity you need. EmmaCreation will estimate the price and lead time based on the sample and the quantity. If you don't have a sample label, please inform the design & colors, label size, weave type and quantity to EmmaCreation.</p>
1-3-11	<p>Is it possible to order the Washing Instructions Tag with "Anti-bacterial ability" as well as "Deodorant ability"? If yes, how much lower is the price?</p> <p>Yes, it is possible. Although the price varies with the specifications, it would be approximately 10% higher.</p>
1-3-12	<p>I'm an apparel manufacturer in the US, and very interested in Okumura clothing labels and tags because our customers must be attracted by its "Deodorant ability" and "Anti-bacterial ability". However, if we apply expensive Okumura clothing labels and tags to our current shirts, it will definitely increase their cost. I'm very concerned that the new price might be so high that general consumers cannot accept.</p> <p>Your concern is reasonable. We recommend you should consider the cost rate of your current label in the total cost of your shirt. Suppose the cost rate of current label is 5%. If you replace current label by Okumura label whose cost is double, the total cost will be $0.95 + 0.05 \times 2 = 1.05$, that is, increased by 5%. Do you think that your new shirt can be accepted at 5% higher price by your customers? This is an answer to your question.</p>

[1] About Deodorant thread and its applications (7/10)

1-4. Applications to Clothes	
1-4-1	<p>I found the under shirts and T-shirts which are applied Deodorant thread in some internet shops. I'm very interested in how to use the threads for those shirts.</p> <p>There exist a couple of ways to use Deodorant thread for clothes;</p> <ol style="list-style-type: none"> (1) Deodorant fabric, that is, the fabric which is woven of Deodorant thread is used wholly. (2) Deodorant fabric is used partially for the part of the armpit, where sweat odors smell strongly. (3) Deodorant thread is used wholly as a sewing thread. <p>(*) It is said that 150 meters of rayon thread with "Deodorant ability" are used for a T-shirt.</p> <ol style="list-style-type: none"> (4) Deodorant thread is used partially for the part of the armpit, where sweat odors smell strongly. <p>(*) It is said that 50 meters of polyester thread with "Deodorant ability" are used for each armpit of a T-shirt.</p>
1-4-2	<p>I guess it might be effective that Deodorant fabric is used for the collar padding of business shirts. Is it correct?</p> <p>Yes, it is. The neck is one of the spots where a human perspires profusely. It can be expected to deodorize the sweat odors around the neck.</p>
1-4-3	<p>I've read many testimonials about the socks with Deodorant ability in some internet shops. How does it work?</p> <p>It is said that the sole of the foot is one of the spots where a human perspires the most. The humidity inside of a shoe becomes higher due to airtight space, which makes bacteria propagated easily. The more bacteria increase, the more sweat odors are produced. Considering this condition, Deodorant fabric seems to be used for the parts touched the sole, tiptoe and heel.</p> <p>In addition to the fabric with Deodorant ability, if the fabric with Anti-bacterial ability is used, it will be possible to deodorize sweat odors effectively.</p>
1-4-4	<p>I've heard of the shirts attached clothing labels with Deodorant ability before. Is it true?</p> <p>Yes, it is. A couple of large apparel manufacturers in Japan are applying Okumura clothing label with Deodorant ability to their products.</p>
1-4-5	<p>Can wearing the clothes using Deodorant fabric make body odors deodorized?</p> <p>Yes, it can. The fabric woven of Deodorant thread such as Okumura Deodorant thread "WeftYarn" can be applied to lining, padding or cloth of jackets, coats, trousers and skirts. As those clothes cover the body, it can deodorize the sweat odors effectively.</p> <p>For your information, Okumura also supplies the Interlining cloth "DeodoranInterface" which is woven of Deodorant thread "WeftYarn". If you are interested in it, please send your inquiry to EmmaCreation.</p>
1-4-6	<p>I have strong body odor from the armpit. Can I deodorize it by wearing the clothes with Deodorant ability?</p> <p>Yes, you can. As the body odor from the armpit is sweat odor, the jacket, shirt or blouse using Okumura Deodorant thread "WeftYarn" deodorize it even if it is strong odor. If you wear the clothes using Okumura "WeftYarn Premium", Deodorant effect will increase more due to its Anti-bacterial ability.</p>
1-4-7	<p>What is the difference in deodorization between an underarm deodorant and Deodorant thread?</p> <p>An underarm deodorant is a substance that is put on the skin of the armpit to stop perspiring from sweat glands. That is, the production of sweat odors can be prevented by stopping sweating.</p> <p>On the other hand, Deodorant thread deodorizes released sweat odors. It does not disturb the physiological activities of a human body.</p>
1-4-8	<p>I hate Tobacco odors stuck to my wear. Can the clothes using Okumura Deodorant thread "WeftYarn" block Tobacco odors?</p> <p>The major components of Tobacco odor are Ammonia, Acetic acid, Acetaldehyde, Pyridine and Hydrogen sulfide.</p> <p>Okumura Deodorant thread "WeftYarn" can deodorize Ammonia & Acetic acid out of the components of Tobacco odor, but cannot deodorize the other components, that is, Acetaldehyde, Pyridine and Hydrogen sulfide. Therefore, you cannot expect the perfect Deodorant effect against Tobacco odors to the clothes using Okumura "WeftYarn".</p> <p>As explained in the answer to the question 1-1-4, the odor components which Deodorant thread can deodorize depend on the chemical characteristic of Deodorant fiber contained in the thread. You need to find the clothes using Deodorant thread effective against Tobacco odor components.</p>

[1] About Deodorant thread and its applications (8/10)

1-4. Applications to Clothes	
1-4-9	<p>I like perfume and use it every day. I'm afraid that the clothes using Okumura Deodorant thread "Deodorey" deodorize it as well as Sweat odors.</p> <p>Okumura Deodorant thread "WeftYarn" and "PinkishWhite" deodorize the components of Sweat odors selectively, but do not deodorize the components of perfume. It is not necessary to worry about that.</p>
1-4-10	<p>Does Okumura Deodorant thread "Deodorey" work well for shorts and panties?</p> <p>Yes, it does, but not perfectly.</p> <p>The underwear using Okumura Deodorant thread "WeftYarn" or "PinkishWhite" deodorizes not only the components of sweat odors but also the same components (Ammonia & Acetic acid) out of the components of the other odors such as urine which originates from the inside of the body. However, it cannot deodorize the other components of them.</p>
1-4-11	<p>Does Okumura Deodorant thread "Deodorey" work well for brassieres?</p> <p>Yes, it does.</p> <p>In addition to the common odors caused by the sweat secreted from Eccrine glands & Sebaceous glands, the sweat odors from the breast contain the strong odors caused by the sweat secreted from Apocrine glands around the nipple, which are the same odors as the armpit. The brassieres using Okumura Deodorant thread "WeftYarn" or "PinkishWhite" can deodorize such strong odors.</p>

[1] About Deodorant thread and its applications (9/10)

1-5. Applications to Interior Goods, Bed Goods and Miscellaneous Goods	
1-5-1	<p>I cannot imagine about how to apply to interior goods easily. Are there any tips?</p> <p>It might be easier to imagine by classifying products as follows;</p> <ol style="list-style-type: none"> (1) Products which are frequently contacted by a human body or a pet, and body odors are easily transferred to. (2) Products which are not often contacted by a human body or a pet. <p>The products (1) contain chairs, cushions, sofas, carpets, for example. By sewing them with Deodorant thread, by using Deodorant fabric or by using Deodorant padding, it will be possible to add Deodorant ability to such products.</p> <p>On the other hand, the products (2) contain curtains, blinds, wall fabrics, for instance. By using Deodorant thread or Deodorant fabric, it will be possible to add a new feature deodorizing the body odors left in the room.</p>
1-5-2	<p>Are there any applications to bed goods?</p> <p>For example, there are some applications to bed sheets, bed covers, comforters, pillow cases, blankets, bed pads and futons. As for sheets and covers, it is the most effective way to use Deodorant fabric. However, it is also an effective way to sew with Deodorant thread. As for comforters, pillows and futons, it will be an effective way to use Deodorant padding.</p>
1-5-3	<p>Is it possible to put Okumura "Deodorey" into a small bag and to use it as a deodorizer in a refrigerator?</p> <p>Yes, it is. You can make a "deodorant pad" easily by putting about 15 meters of Okumura Deodorant thread "WeftYarn" - Type N2P into a small bag. You can use it not only for a refrigerator but also for your shoes, boots, helmets, caps, hats, washing bags, sport bags, and so on. You will hit on other good applications of "deodorant pad" other than the above.</p> <p>For more information, Okumura Deodorant thread "WeftYarn" has an excellent capacity of "Deodorant effect" 5-20 times stronger than the deodorizer using activated carbon. In addition, its life time is almost forever because "Deodorant effect" can be recovered by washing or drying in the sun.</p> <p>Okumura's deodorizer "DeodoranPad" is a custom-made product. It contains 150 meters (166 yards) of "WeftYarn" in a small bag (2.5" x 4"). If you are interested in it, please send your inquiry to EmmaCreation.</p>
1-5-4	<p>Are there any tips about the applications of Okumura Deodorant woven tape "Pearl"?</p> <p>Okumura Deodorant woven tape "Pearl" is 5-36mm wide woven tape. It is currently applied to printed clothing tags such as a washing instruction tag.</p> <p>Considering its unique and remarkable features - "Deodorant effect", its applications will be wider range than before. For example, it can be used for the inside lining of a cap, a slip-stopping of a hanger, a lining of a collar, a lining of a neck-tie, and a strip of a helmet, etc. You can find various applications around you. It depends on your sense of observation.</p>
1-5-5	<p>I've heard of the neck-tie with Deodorant ability. How does it work?</p> <p>It seems to be more reasonable to use Deodorant fabric for a lining of a neck-tie than to use it for a cloth of a neck-tie.</p> <p>The neck is one of the spots where a human perspires profusely. It can be expected to deodorize the sweat odors around the neck. Also, it might be possible to deodorize the sweat odors from the armpit because it is near there.</p>
1-5-6	<p>Is it possible to apply Okumura Deodorant thread "WeftYarn" to sweat/gym towel, hand towels, sports towels and bath towels?</p> <p>Yes, it is.</p> <p>There are two ways to use "WeftYarn" for towels. One is to weave it into base fabric of a towel, and the other is to weave it into pile of a towel. If there is no difference in volume of "WeftYarn" to be used between both ways, "Deodorant effect" of both ways are the same.</p>

[1] About Deodorant thread and its applications (10/10)

1-5. Applications to Interior Goods, Bed Goods and Miscellaneous Goods	
1-5-7	<p>A dishcloth is used in the kitchen to clean dishes and other surfaces. I've read the report "Dishcloths are often damp and provide a breeding ground for bacteria and viruses. Since the kitchen sink is used to clean food, dishcloths are routinely infected with E. coli and salmonella." Can Okumura "Deodorey" block those bacteria?</p> <p>Okumura Deodorant thread "WeftYarn" does not work well against bacteria. However, according to the test report by Foundation "Japan Synthetic Textile Inspection Association", Okumura "WeftYarn Premium" which has "Anti-bacterial ability" can prevent bacteria staphylococcus aureus from propagating. Although there is no test reports regarding both of E. coli and salmonella, it is estimated that "WeftYarn Premium" might be effective for preventing them from propagating based on the test report regarding staphylococcus aureus.</p>
1-5-8	<p>Is Okumura "Deodorey" effective for deodorization of "Pet odors"?</p> <p>Yes, it is, but not perfectly. The sweat odor of mammals like dogs and cats contains the almost same components as the human's sweat odor from the armpit. Although it is a strong odor, Okumura "WeftYarn" can deodorize it perfectly. On the other hand, the body of a pet sometimes releases "Excrement odor". Its major components are Ammonia, Acetic acid, methanethiol (methyl mercaptan), hydrogen sulfide and Indole. Okumura "WeftYarn" deodorizes the same components (Ammonia & Acetic acid) as sweat odor, but other components are left. That's why 100% deodorization of "Pet odors" cannot be expected.</p>
1-5-9	<p>Are there any tips about the applications of Okumura Deodorant thread "WeftYarn" or Deodorant woven tape "Pearl" against "Pet odors"?</p> <p>For example, Okumura "WeftYarn" or "Pearl" can be applied to pet goods like pet collars, pet clothes and pet sheets. In addition, it will be appreciated by pet-loving people to apply Okumura "WeftYarn" or "Pearl" to the interior goods like sofas, carpets and cushions where a pet likes to sit.</p>
1-5-10	<p>Are there any applications else of Okumura Deodorant products?</p> <p>Considering that Okumura Deodorant products "Deodorey" have "Deodorant ability", all of the items which we wear and all of the items which are placed around us can be the objects of their application; [Examples (except clothes)]</p> <ol style="list-style-type: none"> (1) The head and neck: caps, hats, wigs, hairpieces, toupees, scarves, neck-ties (2) The arm and hand: gloves, watch straps (3) The leg and foot: shoes, insoles, slippers (4) For indoor items (see 1-5-1 & 1-5-2): hangers, dishtowels (5) For medical use : casts (leg casts, arm casts), corsets (6) For recreation and sports: bedrolls (sleeping bags), athletic supporters (jockstraps), ski masks, helmets, towels (7) For hobby: stuffed animals, filters of water tank (8) For pets (see 1-5-9):