

COLORFUL WATERPROOF & BREATHABLE FILM

水轉印膜、熱塑轉印膜、TT金屬塗層膜、ET模內複合膜、彩色防水透濕膜、水轉印專業加工、整廠設備技術轉導
WATER TRANSFER PRINTING FILM / THERMOFORM TRANSFER PRINTING FILM / TT METAL LAMINATED FILM / ET IN MOLD COMBINATION FILM /
COLORFUL BREATHABLE & WATERPROOF FILM / PROFESSIONAL WATER TRANSFER PRINTING SERVICE / EQUIPMENT & TECHNOLOGY TRANSFER

A. INTRODUCTION TO COLORFUL WATERPROOF & BREATHABLE FILM

Waterproof & Breathable Film is also called "Breathable Fabric", which is a high-technology product with characteristics of water-proof, breathable, wind-proof and warm-keeping. IFFA Colorful W&B Film is the newest product by CCH R&D department, we use the polymer film with hydrophilic structure which easily absorbs the water-drops or moisture and discharges continuously by pressure difference between clothes outside and inside. In the contrast to other structures of W&B Film, IFFA's is not easily get choked by dust, salinity or sweat.

CCH prints multiple colors on W&B Film by the specific gravure process and paint formulation, the finished product can still keep excellent breathability and even strengthen water-proof degree than traditionally printing. The brilliant visual effect of IFFA W&B Film enhances the texture, and now is applied to accessories or clothes widely. Besides, it is also a green product which is non-toxic, recyclable, and decomposable.

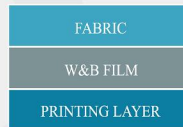
B. THE TECHNICAL PROCESS OF COLORFUL WATERPROOF & BREATHABLE FILM

Clear W&B Film was mostly placed between 2 layers of fabric for the combination way of "3 Layers", however, IFFA Colorful W&B is turned to be applied by the way "2.5 Layers" which means 1 layer of fabric, 1 layer of film and 0.5 layer of ink or paint and save the cost of 1 layer of fabric.

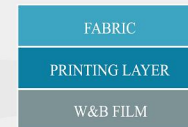
CCH provides 2 ways of printing for customers' choice, "Print Outside" combines the film side and fabric side and this way is possessed of better touch and friction on skin; "Print Inside" combines the paint side and fabric side and it is much better on visual effect and ink protection, so more and more customers prefer to do in this way.



a. Print Outside



b. Print Inside



C. APPLICATIONS

Because the printed W&B film is light with soft-touch, it is applied to the combination with functional texture for niche market of functional products.

- a. Functional Clothes:** Functional clothes for jogging, skiing, mountain climbing, hunting, army or fireman uniform and so on.
- b. Outdoor Products:** Tent, sleeping bag and raincoat.
- c. Travelling Appliances:** Backpack, luggage, suitcase and camera bag., etc.
- d. Others:** Glove, hat and other accessories.

D. WHAT CCH OFFERS

IFFA Colorful Waterproof & Breathable Film is usually applied to accessories and clothes, therefore, CCH supplies many fashionable designers' patterns such as camouflage, gradient colors, and geometric images. However, we also have designers who provide the service for customized patterns and suggestion for fabric color-match to achieve the best result.



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