



**F X** Down™

DOWN + FIBER BLEND





Most synthetic fibers aren't capable of blending evenly with down to form a cohesive, lofty fill. When using common synthetics to blend, the down clusters and artificial fill tend to wrap around each other. This suffocates the down, causing it to clump and lose its fill power - the element of down which provides its renowned warmth-to-weight ratio.

FX Down™ is a unique, hybrid fill that successfully bridges the gap between down and synthetic products. ALLIED Feather & down has worked tirelessly to create synthetic fibers that are capable of working successfully with our award winning down. After developing these fibers that possessed the right attributes for blending, we married the two in our proprietary machinery creating a fill that acts and feels more like down while still performing when wet with the weight, warmth and compressibility of down.





# AS WARM AS DOWN

According to results of multiple testing for warmth, F X Down™ has exhibited dramatic synergy, testing warmer than synthetics and nearly as warm or warmer than unblended down fills of the same fill power.

*Based on different ratios and down used for blending*

## CLO COMPARISONS

*This bar represents the span in CLO value throughout a range of different blend ratios and Fill Powers for the down component.*

*The greatest difference is seen when blended 70% 550 Fill Power down with 30% Fiber where FX Down has tested warmer than the unblended 550 Fill Power down fill.*

SYNTHETIC INSULATION



DOWN fill

FX DOWN

ALLIED  
FEATHER & DOWN

# INCREASED WATER RESISTANCE

Utilizing ALLIED's HyperDRY™ water resistant down and ALLIED's own unique ThermalTECH™ water resistant fiber creates a water resistant F X Down™ option that rivals the hydrophobic performance of other synthetic fills on the market creating an insulation that looks and packs like down with the water resistance of synthetics.

# DRIES UP TO 4X FASTER

*According to internal testing when left to air dry.*



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# RECOMMENDED BLENDS

ALLIED'S FX Down is completely customizable and built to the exacting specifications of our partners. However, in our testing for warmth, wash durability, compressibility and water resistance, we recommend the following blends.

## 70 / 30

700 Fill Power Goose Down + ALLIED Thermaltech Fiber

## 65 / 35

600 Fill Power Duck Down + ALLIED Thermaltech Fiber

## 70 / 30

700 Fill Power Duck Down + ALLIED Thermaltech Fiber

## 60 / 40

550 Fill Power Duck Down + ALLIED Thermaltech Fiber



## FOR MORE INFORMATION

Please contact ALLIED Feather & Down for current pricing and availability.



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[ALLIEDFEATHER.COM](http://ALLIEDFEATHER.COM)