

S&S ACTIVEWEAR API DEVELOPERS GUIDE

This guide is meant as a starting point for those interested integrating with the S&S Activewear API. It is not meant as an end solution; the examples provided are just examples, not specifically production ready code. This guide will follow the documentation site found at api.ssactivewear.com and is intended as a complement to that documentation.



INTRODUCTION

The S&S API includes functionality for pulling product data, pulling live inventory levels, placing orders, getting order updates, and checking days in transit to a given zip code.

To access the API, you will need your username and API key. Your username is your account number, and your API key can be obtained by emailing api@ssactivewear.com. When sending the email, please include your account number in the subject line to ensure quick processing.

If you ever have questions regarding the API, please feel free to email us at api@ssactivewear.com.

1. Adding Products to Your Site	1
Step 1: Get - Styles	1
Step 2: Get - Products	2
Step 3: Get - Specs	2
2. Updating Inventory	3
3. How to Place an Order	4
Part 1: Validating Inventory.....	4
Part 2: Payment Methods.....	5
Part 3: Testing Orders.....	5
Part 4: Shipping Methods and Freight Settings.....	7
Part 5: Canceling Orders	7
4. How to Get Updates on Your Order	8
5. Creating Invoices and ASNs	9
Part 1: Creating an Invoice	9
Part 2: Creating an ASN.....	11
6. Using S&S Website Images	13
7. Scanning S&S Shipping Labels	14

1. ADDING PRODUCTS TO YOUR SITE

To begin pulling product data to your site, it is recommended that you begin with pulling the style information. This will make it easier to pull individual SKU data later.

Note: The API's default response is JSON, but the MEDIATYPE setting can be changed to return XML instead.

Styles consist of all colors and sizes of a specific product. For example, the **STYLE** for a Gildan 2000 T-shirt is: <https://www.ssactivewear.com/p/gildan/2000>. (The Product is a specific size and color of a style.)



STEP 1: GET - STYLES

The styles endpoint returns all information at the style level. Fields will include items such as **BASECATEGORY**, **COMPARABLEGROUP**, **PARTNUMBER**, **STYLEID**, and **BRANDNAME**.

By default, the styles endpoint will return all styles we currently offer.

This is a good starting point for the initial pull of product information, as once you have all the styles pulled, it will be easier to pull product data one style at a time.

It is recommended this information be persisted on your system, as this information rarely changes.

Code sample:

```
Public Sub GET_Styles()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/styles/39")  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
        If response.StatusCode = HttpStatusCode.OK Then  
            Styles = serializer.Deserialize(Of List(Of Style))(Result)  
        Else  
            End If  
    Catch ex As Exception  
    End Try  
End Sub
```

STEP 2: GET - PRODUCTS

Once you've determined which **PRODUCTS** you want to offer, you can begin making calls to the Products API.

The Products API returns all information pertaining to a specific **SKU** in a style. This will include fields like price, size, inventory levels (by warehouse), and what brand/style it belongs to.

By default, this endpoint will return all SKUs that are offered, so the initial payload will be rather large if you do not apply a filter to your request.

We recommend using the Filter Results By Styles option and request products by Style to make the data more manageable.

Common methods for filtering are to use **PARTNUMBER** or **STYLEID**.

Below is an example of returning all products of a given **STYLEID**, 39 (Gildan 2000). We recommend using the **STYLEID** as it will always remain the same.

Code Sample:

```
Public Sub GET_Products()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/products/?style=39"  
)  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
        If response.StatusCode = HttpStatusCode.OK Then  
            Products = serializer.Deserialize(Of List(Of Sku))(Result)  
        Else  
            End If  
        Catch ex As Exception  
        End Try  
    End Sub
```

STEP 3: GET - SPECS

The Specs endpoint returns all measurements available for a product. These are the same values that are available on our customer site via the "view specs" button on a product page (<https://www.ssactivewear.com/p/gildan/2000>).

We recommend pulling this by style to make the response a manageable size.

STEP 3: GET - SPECS (CONTINUED)

Code Sample:

```
Public Sub GET_Specs()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/specs/39")  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
        If response.StatusCode = HttpStatusCode.OK Then  
            Specs = serializer.Deserialize(Of List(Of Spec))(Result)  
        Else  
            End If  
    Catch ex As Exception  
    End Try  
End Sub
```

Note on Style Categories

The Categories API provides access to the Categories visible on the S&S website. This Category data can be matched up to the **CATEGORIES** field returned by the Styles API to display the name or model image.

Please note: Products cannot be filtered by Category, the mapping from a product to a category will need to take place on your end.

2. UPDATING INVENTORY

The Products API is used to retrieve inventory updates. The recommended approach is to implement Filter Fields request option and only request fields **SKU**, **QTY**, and **WAREHOUSES**. This can be performed on a Style or Product level.

Note: The API's default response is JSON, but the MEDIATYPE setting can be changed to return XML instead.



2. UPDATING INVENTORY (CONTINUED)

Code Sample:

```
Public Sub GET_Products()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/products/?style=39&  
fields=skuid,qty,warehouses")  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
        If response.StatusCode = HttpStatusCode.OK Then  
            Products = serializer.Deserialize(Of List(Of Sku))(Result)  
        Else  
            End If  
    Catch ex As Exception  
    End Try  
End Sub
```

3. HOW TO PLACE AN ORDER

As with the S&S website, orders may be placed through the API at any time. Order requests will receive a response object containing the order's number and any details that are available.

An order may be canceled within 10 minutes of being placed (see part 4, below, for more information).

Please note that the response body for an order POST contains the same information you would receive from an order GET request which should help limit the number of requests you need to make.



PART 1: VALIDATING INVENTORY

We recommend making sure the items being purchased by your customer(s) are available prior to the order being placed. Use the Product API with just the **SKUs** from the order to double check available inventory.

API DEVELOPERS GUIDE

PART 2: PAYMENT METHODS

We offer two methods of payment for placing orders through the API. The first option is Net Terms. You can apply for Net Terms by completing the credit application form at <https://www.ssactivewear.com/download/businessforms>.

We also accept credit card orders via the API using a **PAYMENTPROFILE** object in Post - Orders. Credit cards must be registered within the My Account portion of our website and a **PROFILEID** generated using Get - Payment Profiles. The email address of the account holder of the credit card will also be required to complete the transaction.

PART 3: TESTING ORDERS

S&S does not have a separate endpoint for testing API integrations. Instead, we offer a **TESTORDER** field in the orders endpoint for testing use.

An order that has the **TESTORDER** field marked TRUE will be entered like a normal order and be given the same response as a normal order. However, after being entered, it will be automatically canceled within a 10-minute window. Test orders that have been automatically canceled will show up on your accounts order history, should you want to review it.

Please view next page for Code Sample



PART 3: TESTING ORDERS (CONTINUED)

Code sample:

```
Public Sub POST_Orders()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/orders/")  
    request.Method = "POST"  
    request.Credentials = New NetworkCredential(CustomerNumber, APIKey)  
    request.ContentType = ContentType  
    Dim Order As String = "{  
        ""shippingAddress"": {  
            ""customer"": "S&S Activewear",  
            ""address"": ""220 Remington Ave",  
            ""city"": ""Bolingbrook",  
            ""state"": ""IL",  
            ""zip"": ""60440",  
            ""residential"": false  
        },  
        ""shippingMethod"": ""1",  
        ""shipBlind"": false,  
        ""poNumber"": ""Example PO",  
        ""emailConfirmation"": ""Example@example.com",  
        ""testOrder"": true,  
        ""autoSelectWarehouse"": true,  
        ""autoSelectWarehouse_Warehouses"": "",  
        ""autoSelectWarehouse_Preference"": ""fewest",  
        ""rejectLineErrors"": ""false",  
        ""lines"": [  
            {  
                ""identifier"": ""B00760505",  
                ""qty"": 24  
            }  
        ]  
    }"  
  
    Try  
        Using streamWriter = New StreamWriter(request.GetRequestStream())  
            streamWriter.Write(Order)  
            streamWriter.Flush()  
            streamWriter.Close()  
        End Using  
    Catch ex As Exception  
    End Try  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
  
        If response.StatusCode = HttpStatusCode.OK Then  
            OrderHistory = serializer.Deserialize(Of List(Of OrderHistory.Header))(Result)  
        Else  
            End If  
    Catch ex As Exception  
    End Try  
End Sub
```

PART 4: SHIPPING METHODS AND FREIGHT SETTINGS

S&S offers a wide range of shipping options through the API. These shipping options are flexible and provide a variety of carriers and delivery times.

Please note that not all shipping options available on the S&S website are available through the API. This is because certain shipping options are weight restricted and zip code dependent.

For a full list of shipping options, please go to the main API documentation site at https://api.ssactivewear.com/V2/Orders_Post.aspx

Auto Select Warehouse

Our recommended method for shipments is the Auto Select Warehouse feature, which intelligently routes your order to the warehouse that is best able to meet your requirements. This option allows you to set preferences in terms of fewest shipments or fastest delivery and puts your order through the same Freight Optimizer as the S&S website.

If **AUTOSELECTWAREHOUSE** is set to TRUE, the following fields can be set based on your preferences: **AUTOSELECTWAREHOUSE_WAREHOUSES**, **AUTOSELECTWAREHOUSE_PREFERENCE**, and **AUTOSELECTWAREHOUSE_FEWEST_MAXDIT**.

Please familiarize yourself with the definitions for each of the fields found at the link above.

It is recommended that you fully test your shipment settings using your preferred method by using test orders to avoid any unforeseen circumstances when placing orders.

PART 5: CANCELING ORDERS

Orders can be canceled through the API within 10 minutes of the order being sent to S&S.

Simply make a DELETE request to the Orders API with your order's number and the response will confirm your order's details with the updated orderStatus.

Attempts to cancel orders after 10 minutes will receive an error message.

Code sample:

```
Public Sub DELETE_Order()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/orders/123456789")  
    request.Method = "DELETE"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        If response.StatusCode = HttpStatusCode.NoContent Then  
            'Record Deleted  
        End If  
    Catch ex As Exception  
    End Try  
End Sub
```


4. HOW TO GET UPDATES ON YOUR ORDER

Once an order has been entered, its information will be available through the Orders API. The API is only able to pull orders up to 3 months old.

We recommend pulling order status information nightly while using the Filter Results By Invoice Date option with the current and previous business day as the filter dates. This will ensure you have the latest status information on active orders within the past 48 hours.

If no filter is provided, the response will contain the status of all your open orders (not invoiced). Depending on your order volume, this can be a large response payload so we recommend taking advantage of the filters provided to control the amount of data you receive.

Notable fields for status updates are:

INVOICEDATE: Once this field has a value, you know your order has been invoiced.

ORDERSTATUS: This is the current status of your order (either in our warehouse or in transit).

TRACKINGNUMBER: This is usually available shortly after we have received your order.

LINES > QTYSHIPPED: This will let you know if a part of your order was unable to be filled from our warehouse.

Query string parameters may also be used to provide additional information beyond the order header information.

Example URL: api.ssactivewear.com/V2/orders/?Boxes=true&BoxLines=true&mediaType=json

BOXES: This displays information on each of the box contained within the order.

BOXLINES: This adds a field to Boxes, displaying a breakdown of the lines contained within each box.

LINES: This displays information for each line of the order.

Note: The API's default response is JSON, but the MEDIATYPE setting can be changed to return XML instead.

Code sample:

```
Public Sub GET_Orders()  
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/orders/")  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse()  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd()  
        If response.StatusCode = HttpStatusCode.OK Then  
            OrderHistory = serializer.Deserialize(Of List(Of OrderHistory.Header))(Result)  
        Else  
            End If  
        Catch ex As Exception  
        End Try  
    End Sub
```



5. CREATING INVOICES AND ASNS

Many customers have the need to create invoices and ASNs (advanced shipping notices). The fields available from the Orders API will provide the data needed to create common industry documents.



Here are the two recommended times/processes to pull order information:

1. Each morning you can filter your orders by invoiceDate and pass in the previous day's date. This will provide all orders that were shipped or invoiced on the previous day.
 - a. These orders are guaranteed as final (they will not change).
 - b. This method is best for invoices and ASNs.
2. Do not use filters to receive all open orders that have not been invoiced.
 - a. Make this request once an hour to check the orderStatus field for updates.
 - b. Once an orderStatus is set to "shipped", it is highly unlikely to change.
 - c. This call is designed to give you visibility throughout the day and is optional.

Note: The API's default response is JSON, but the MEDIATYPE setting can be changed to return XML instead.

PART 1: CREATING AN INVOICE

Using the Orders API, you will be able to pull all relevant information for constructing an invoice.

Below is an example of our paper invoice with all the API fields noted next to the corresponding paper invoice fields.

Code sample/Invoice image:

```
Public Sub GET_Orders()
    Dim request As HttpWebRequest = WebRequest.Create("https://api.ssactivewear.com/v2/orders/{YourOrderNumber}?lines=true")
    request.Method = "GET"
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")
    Try
        Dim response As HttpWebResponse = request.GetResponse
        Dim StreamReader As New StreamReader(response.GetResponseStream())
        Result = StreamReader.ReadToEnd
        If response.StatusCode = HttpStatusCode.OK Then
            OrderHistory = serializer.Deserialize(Of List(Of OrderHistory.Header))(Result)
        Else
            End If
        Catch ex As Exception
        End Try
    End Sub
```

PART 1: CREATING AN INVOICE (CONTINUED)

Code sample/Invoice image:

```

{
  "guid": "b507c669-dec6-49b8-a722-f0defa658afb",
  "companyName": "S&S Activewear",
  "warehouseAbbr": "KS",
  "orderNumber": "87654321",
  "invoiceNumber": "12345678",
  "poNumber": "ExamplePO",
  "customerNumber": "XXXXXX",
  "orderDate": "2019-10-16T12:03:44.07",
  "shipDate": "2019-10-16T15:37:09.827",
  "invoiceDate": "2019-10-16T15:37:09.827",
  "orderType": "Web",
  "terms": "NET",
  "orderStatus": "Shipped",
  "dropship": false,
  "shippingCarrier": "UPS",
  "shippingMethod": "UPS Ground",
  "shipBlind": false,
  "shippingCollectNumber": "",
  "trackingNumber": "{TrackingNumber}",
  "shippingAddress": {
    "customer": "S&S Activewear",
    "attn": "",
    "address": "220 Remington Blvd",
    "city": "Bolingbrook",
    "state": "IL",
    "zip": "60440"
  },
  "subtotal": XXX.XX,
  "shipping": 0,
  "cod": 0,
  "tax": 0,
  "lostCashDiscount": 0,
  "smallOrderFee": 0,
  "couponDiscount": 0,
  "sampleDiscount": 0,
  "setUpFee": 0,
  "restockFee": 0,
  "debitCredit": 0,
  "total": XXX.XX,
  "totalPieces": 40,
  "totalLines": 13,
  "totalWeight": 40.54,
  "totalBoxes": 2,
  "deliveryStatus": "",
  "conveyorLane": "1",
  "lines": [
    {
      "lineNumber": 1,
      "type": "S",
      "skuID": 2782,
      "sku": "B40793120",
      "gtin": "",
      "yourSku": "",
      "qtyOrdered": 3,
      "qtyShipped": 3,
      "price": XX.XX,
      "brandName": "Catalogs",
      "styleName": "2019 CAT",
      "title": "DryBlend® T-Shirt",
      "colorName": "(L) S&S Hat & Bag 2019-20",
      "sizeName": "One Size",
      "returnable": true
    },
    {
      "lineNumber": 2,
      "type": "S",
      "skuID": 2782,

```

S&S ACTIVEWEAR		S&S Activewear 220 Remington Blvd Bolingbrook, IL 60440 800-523-2155		Invoice: 12345678 Status: Shipped Web: 87654321 Order: 10/16/2019 12:03 PM CT PO: Example PO Invoice: 10/16/2019 Type: Test Due: 11/15/2019 Email: Example@ssactivewear.com		
Bill To: S & S Activewear Catalogs Attn: 581 Territorial Dr Bolingbrook, IL 60440			Ship To: S & S Activewear Catalogs Attn: 581 Territorial Dr Bolingbrook, IL 60440			
Item	Description	Color	Size	Pieces	Price	Total
40793120	Catalogs - Catalogs 2019 - 2019 CAT	(L) S&S Hat & Bag 2019-20	One Size	40	XXX	XXXX
• Warehouse: Olathe, KS • Shipping Method: FedEx Metro • Billing Method: Net 30 • 2 Boxes, 40 Items, 40 lbs. • Ship Blind • C1: • C2:				Sub Total: XX.XX Shipping & Handling: XXXX Sample Discount: XXXX Total: XX.XX		
Please Remit To: S&S Activewear, LLC 8089 Solutions Center Chicago, IL 60677-8000						

S&S ACTIVEWEAR API DEVELOPERS GUIDE

PART 2: CREATING AN ASN

Creating an ASN is similar to an invoice with some added fields being requested from the Orders API.

You will need to use the parameters **BOXES** and **BOXLINES** set to TRUE in order to get the breakdown of what's being delivered in each box.

Below is a current packing list with notes on the API fields that could be used to make a similar document.

Code sample/Packing list image:

```
Public Sub GET_Orders()  
    Dim request As HttpWebRequest = WebRequest.Create(  
        "https://api.ssactivewear.com/v2/orders/{YourOrderNumber}?boxes=true&boxlines=true"  
    )  
    request.Method = "GET"  
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")  
    Try  
        Dim response As HttpWebResponse = request.GetResponse  
        Dim StreamReader As New StreamReader(response.GetResponseStream())  
        Result = StreamReader.ReadToEnd  
        If response.StatusCode = HttpStatusCode.OK Then  
            OrderHistory = serializer.Deserialize(Of List(Of OrderHistory.Header))(Result)  
        Else  
            End If  
        Catch ex As Exception  
        End Try  
    End Sub
```



S&S Activewear
15400 Green Road
Olathe, KS 66062
800-523-2155

Picker #: _____

Box
UPS Ground - 7:20 PM
11/25/2019 7:42 PM
3 Lines, 23 Pieces, 25lbs.
Cubic Volume: 7.43



Invoice #: **123456789** Box: **2** of 3
PO #: ExamplePO
1

Bill To: S&S Activewear
ATTN:
220 Remington Blvd
Bolingbrook, IL 60440


Ship To: S&S Activewear
ATTN:
220 Remington Blvd
Bolingbrook, IL 60440
2

Line	Item	Description	Color	Size	Location	Qty	
1	80406504	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	M	MI-18-1-2	10	<input type="checkbox"/>
2	80406505	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	L	MI-18-1-3	10	<input type="checkbox"/>
3	06560507	Gildan - DryBlend® T-Shirt - 8000	Black	2XL	MI-43-1-1	3	<input type="checkbox"/>

PART 1: CREATING AN ASN (CONTINUED)

Code sample/Packing list image:

```
{
  "guid": "b507c669-dec6-49b8-a722-f0defa658afb",
  "companyName": "S&S Activewear",
  "warehouseAbbr": "KS",
  "orderNumber": "87654321",
  "invoiceNumber": "12345678",
  "poNumber": "ExamplePO",
  "customerNumber": "XXXXXX",
  "orderDate": "2019-11-25T19:42:44.07",
  "shipDate": "2019-11-26T11:37:09.827",
  "invoiceDate": "2019-11-26T11:37:09.827",
  "orderType": "Web",
  "terms": "NET",
  "orderStatus": "Shipped",
  "dropship": false,
  "shippingCarrier": "UPS",
  "shippingMethod": "UPS Ground",
  "shipBlind": false,
  "shippingCollectNumber": "",
  "trackingNumber": "{TrackingNumber}",
  "shippingAddress": {
    "customer": "S&S Activewear",
    "attn": "",
    "address": "220 Remington Blvd",
    "city": "Bolingbrook",
    "state": "IL",
    "zip": "60440"
  },
  "subtotal": XXX.XX,
  "shipping": 0,
  "cod": 0,
  "tax": 0,
  "lostCashDiscount": 0,
  "smallOrderFee": 0,
  "couponDiscount": 0,
  "sampleDiscount": 0,
  "setUpFee": 0,
  "restockFee": 0,
  "debitCredit": 0,
  "total": XXX.XX,
  "totalPieces": 81,
  "totalLines": 13,
  "totalWeight": 67.54,
  "totalBoxes": 3,
  "deliveryStatus": "",
  "conveyorLane": "1",
  "boxes": [
    {
      "boxNumber": 2,
      "trackingNumber": "XXXXXXXXXXXX",
      "weight": 22.1199,
      "cubicVolume": 2.805,
      "boxRequired": false,
      "conveyorBarcode": "019990049.0021",
      "lines": [
        {
          "lineNumber": 1,
          "type": "S",
          "skuID": "282402",
          "sku": "B80406504",
          "gtin": "00884913226425",
          "yourSku": "",
          "qtyOrdered": 10,
          "qtyShipped": 10,
          "brandName": "BELLA + CANVAS",
          "styleName": "3739",
          "title": "Unisex Sponge Fleece Full-Zip Hoodie",
          "colorName": "Black",
          "sizeName": "M"
        },
        {
          "lineNumber": 2,
          "type": "S",
          "skuID": "282403",
          "sku": "B80406505",
```

S&S ACTIVEWEAR	S&S Activewear 15400 Green Road Olathe, KS 66062 800-523-2155	Box UPS Ground - 7:20 PM 11/25/2019 7:42 PM 3 Lines , 23 Pieces, 25lbs. Cubic Volume: 7.43	 Invoice #: 123456789 Box 2 of 3 PO #: ExamplePO																												
Bill To: S&S Activewear ATTN: 220 Remington Blvd Bolingbrook, IL 60440		Ship To: S&S Activewear ATTN: 220 Remington Blvd Bolingbrook, IL 60440																													
<table><thead><tr><th>Line</th><th>Item</th><th>Description</th><th>Color</th><th>Size</th><th>Location</th><th>Qty</th></tr></thead><tbody><tr><td>1</td><td>80406504</td><td>BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739</td><td>Black</td><td>M</td><td>M1-18-1-2</td><td>10</td></tr><tr><td>2</td><td>80406505</td><td>BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739</td><td>Black</td><td>L</td><td>M1-18-1-3</td><td>10</td></tr><tr><td>3</td><td>06560507</td><td>Gildan - DryBlend® T-Shirt - 8000</td><td>Black</td><td>2XL</td><td>M1-43-1-1</td><td>3</td></tr></tbody></table>	Line	Item	Description	Color	Size	Location	Qty	1	80406504	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	M	M1-18-1-2	10	2	80406505	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	L	M1-18-1-3	10	3	06560507	Gildan - DryBlend® T-Shirt - 8000	Black	2XL	M1-43-1-1	3			
Line	Item	Description	Color	Size	Location	Qty																									
1	80406504	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	M	M1-18-1-2	10																									
2	80406505	BELLA + CANVAS - Unisex Sponge Fleece Full-Zip Hoodie - 3739	Black	L	M1-18-1-3	10																									
3	06560507	Gildan - DryBlend® T-Shirt - 8000	Black	2XL	M1-43-1-1	3																									

6. USING S&S WEBSITE IMAGES

S&S provides image paths in the response for the Style, Product, and Category APIs. These relative paths can be combined with our web address to download the image for use on your website.

Simply use "<https://cdn.ssactivewear.com/>" + the image field content to get to the appropriate image.



Below is a quick breakdown of the image types and where they can be found:

Style Images - The Styles API contains the **BRANDIMAGE** (the brand's logo) and the **STYLEIMAGE** (the model image for that style).

Product Images - The Products API contains the **COLORSWATCHIMAGE** (small square image of the product's color), **COLORFRONTIMAGE** (front image of the specific color + style combination), **COLORSIDEIMAGE** (side image of the specific color + style combination), and **COLORBACKIMAGE** (rear image of the specific color + style combination).

Category Images - The Categories API contains the image field simply named **IMAGE**. This image is simply an image that our marketing department has identified to define a category.

Please note: Image names ending in "fs," "fm," and "fl" refer to the size of the image; small (130x163), medium (300x375), and large (1000x1250), respectively.

By adjusting this, you can pull up the desired size of the image, though not all images have various sizes available.

Note that all medium sized images (fm) can be pulled in bulk from our DataLibrary. Alternatively, all images can be pulled from our FTP site at files.ssactivewear.com. Please email api@ssactivewear.com to request FTP access if needed.

Code Sample:


```
Public Sub GET_Products()
    Dim request As HttpWebRequest = WebRequest.Create(
        "https://api.ssactivewear.com/v2/products/?style=39&fields=colorSwatchImage,colorFrontImage,colorSideImage,colorBackImage")
    request.Method = "GET"
    request.Credentials = New NetworkCredential("YourCustomerNumber", "YourAPIKey")
    Try
        Dim response As HttpWebResponse = request.GetResponse
        Dim StreamReader As New StreamReader(response.GetResponseStream())
        Result = StreamReader.ReadToEnd
        If response.StatusCode = HttpStatusCode.OK Then
            Products = serializer.Deserialize(Of List(Of Sku))(Result)
        Else
            End If
        Catch ex As Exception
            End Try
    End Sub
```


7. SCANNING S&S SHIPPING LABELS

The shipping label on S&S packages contain a barcode which represents the Invoice Number and Box Number of an order. This can be used in conjunction with an RF Scanner and the S&S API to read the barcode and load the contents of the box to simplify your receiving process.


The image below displays the S&S packing slip and the accompanying box shipping label. The barcode at the top right of the packing slip and the bottom barcode of the shipping label can be scanned to return the S&S Invoice Number and the Box Number.

The returned value from scanning the barcode will look like this: "12345678.001A" The eight digits to the left of the "." are the invoice number, the three digits to the right of the "." are the box number with leading 0's if needed and the last digit is the shipping lane number (the lane number is used internally at S&S and can be ignored).



S&S ActiveWear
16 Applegate Dr
Robbinsville, NJ 08691
800-523-2155

Box
UPS Ground - 7:20 PM
02/24/2021 9:10 PM
10 Lines, 56 Pieces, 39lbs.
Cubic Volume: 3.4



Invoice # **42592959** Box **1** of 3
PO #: JC

Bill To: Example Customer
220 Remington Blvd
Bolingbrook, IL 60440
630-679-9940

Ship To: Example Customer
ATTN: Customer
220 Remington Blvd
Bolingbrook, IL 60440

Line	Item	Description	Color	Size	Location	Qty
1	00760265	Gildan - Ultra Cotton® T-Shirt - 2000	Carolina Blue	L	D1-18-2-4	8
2	00760266	Gildan - Ultra Cotton® T-Shirt - 2000	Carolina Blue	XL	D1-18-2-5	8
3	00760267	Gildan - Ultra Cotton® T-Shirt - 2000	Carolina Blue	2XL	D1-19-2-1	4
4	00760268	Gildan - Ultra Cotton® T-Shirt - 2000	Carolina Blue	3XL	D1-19-2-3	4
5	00760075	Gildan - Ultra Cotton® T-Shirt - 2000	Dark Heather	L	D1-29-2-3	8
6	00760076	Gildan - Ultra Cotton® T-Shirt - 2000	Dark Heather	XL	D1-29-2-4	8
7	00760077	Gildan - Ultra Cotton® T-Shirt - 2000	Dark Heather	2XL	D1-29-2-5	4
8	00760078	Gildan - Ultra Cotton® T-Shirt - 2000	Dark Heather	3XL	D1-30-2-1	4
9	22060687	Gildan - Heavy Blend™ Hooded Sweatshirt - 18500	Indigo Blue	2XL	B7-15-2-5	4
10	22060746	Gildan - Heavy Blend™ Hooded Sweatshirt - 18500	Heather Sport Royal	XL	A5-49-1-3	4

SSACTIVEWEAR.COM 39 LBS 1 OF 3
16 APPLEGATE DR
ROBBINSVILLE, NJ 08691

SHIP TO: [REDACTED]



WI 546 9-61



UPS GROUND
TRACKING #: 1Z A82 T89 03 2481 9329



BILLING: P/P
REF1: 00002/42592959
REF2: JC

GWR 13.7 ZPL 42.5V 01/0021

PO: JC

Partial



Lane
1

42592959.001

UPS Ground 1 of 3

Using the S&S API you can request order information and include box and line information.

For example, using the URL api.ssactivewear.com/v2/orders/42592959?boxes=true&boxlines=true for the order above you will get a return that includes a breakdown of the items in each box.

API DEVELOPERS GUIDE

Below is a sample portion of the response showing the contents for box 1 of the above order. Using this returned information you can map the box and invoice number from the barcode to the contents of that box returned from the API.

```
"boxes": [  
  {  
    "boxNumber": 1,  
    "trackingNumber": "1ZA82T890324819329",  
    "weight": 35.9496,  
    "cubicVolume": 3.3953,  
    "boxRequired": false,  
    "conveyorBarcode": "42592959.0011",  
    "lines": [  
      {  
        "lineNumber": 1,  
        "type": "S",  
        "skuID": 1080265,  
        "sku": "B22060746",  
        "gtin": "00191675019142",  
        "yourSku": "",  
        "qtyOrdered": 4,  
        "qtyShipped": 4,  
        "brandName": "Gildan",  
        "styleName": "18500",  
        "title": "Heavy Blend™ Hooded Sweatshirt",  
        "colorName": "Heather Sport Royal",  
        "sizeName": "XL",  
        "countryOfOrigin": "",  
        "lineIdentificationBarcode": "",  
        "fabricContent": ""  
      },  
      {  
        "lineNumber": 2,  
        "type": "S",  
        "skuID": 162464,  
        "sku": "B22060687",  
        "gtin": "00821780074382",  
        "yourSku": "",  
        "qtyOrdered": 4,  
        "qtyShipped": 4,  
        "brandName": "Gildan",  
        "styleName": "18500",  
        "title": "Heavy Blend™ Hooded Sweatshirt",  
        "colorName": "Indigo Blue",  
        "sizeName": "2XL",  
        "countryOfOrigin": "",  
        "lineIdentificationBarcode": "",  
        "fabricContent": ""  
      }  
    ]  
  }  
]
```