

1.12.4 PERSON REFERENCES

| Field | Format | Max Length | Comment | Example | GET response | HTTP Header Accept:Version_ |
|-----------------------------|---------|------------|--|-------------|--------------|-----------------------------|
| PersonReferenceTypes | | | | | | |
| Id | Integer | 22 | Id of the object for Person – fixed to 12 | 12 | Yes | 1.0 |
| Name | Alpha | 6 | Name of the object – always “Person” | Person | Yes | 1.0 |
| ReferenceTypes | | | | | | |
| Reference | | | Reference is a sub element of Reference Types | | | |
| Sequence | Integer | 22 | Sequence of this reference type within the hierarchy (can be up to 10) | 2 | Yes | 1.0 |
| ReferenceTypeId | Integer | 22 | Id of reference type | 1261 | Yes | 1.0 |
| Code | Alpha | 15 | Code of this reference type – user friendly | Pref | Yes | 1.0 |
| Name | Alpha | 30 | Longer name of this reference type – user friendly | Preferences | Yes | 1.0 |

1.13 RETRIEVE REFERENCE TYPES

The Reference Type details are retrieved by submitting a **GET** to the following URI. All Reference Type Ids will be returned.

1.13.1 URI REQUEST FORMAT

/ReferenceTypes/{id}?countryCode={countryCode}

1.13.2 REQUEST PARAMETERS

| Field | Required | Comment |
|--------------|-----------|-------------------------|
| Country Code | Mandatory | Country Code of shopper |
| Id | Optional | Id of Reference Type |

1.13.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/ReferenceTypes/?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.13.4 EXAMPLE RESPONSE

```
<ReferenceTypes>
  <ReferenceType>
    <Id>1</Id>
    <Code>Class</Code>
    <Name>Product Class</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>211</Id>
    <Code>CmplReas</Code>
    <Name>Completed Reason</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>1969</Id>
    <Code>Coil #</Code>
    <Name>Coil Number</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>426</Id>
    <Code>ColrType</Code>
    <Name>Colour Type</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>100</Id>
    <Code>Comments</Code>
    <Name>Comments</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>2</Id>
    <Code>Comp Grp</Code>
    <Name>Component Group</Name>
  </ReferenceType>
  <ReferenceType>
    <Id>22</Id>
    <Code>Company</Code>
    <Name>Company</Name>
  </ReferenceType>
  ...etc...
</ReferenceTypes>
```

1.13.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.13.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

1.14 RETRIEVE REFERENCE CODES

The reference codes for a particular Reference Type Id are retrieved by submitting a **GET** to the following URI.

1.14.1 URI REQUEST FORMAT

/References/{referencetypeId}/{refcodeId}?CountryCode={countryCode}

1.14.2 REQUEST PARAMETERS

| Field | Required | Comment |
|-----------------|-----------|---------------------------------|
| Country Code | Mandatory | Country Code of shopper |
| ReferenceTypeId | Mandatory | Reference Type Id to be queried |
| RefcodeId | Optional | Reference Code Id |

1.14.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/References/1?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.14.4 EXAMPLE RESPONSE

```
<ReferencesbyType>
<ReferenceTypeId>1</ReferenceTypeId>
<ReferenceTypeCode>Class</ReferenceTypeCode>
<ReferenceTypeName>Product Class</ReferenceTypeName>
<References Type="Array">
  <Reference>
<ReferenceTypeId>1</ReferenceTypeId>
<Id>2368</Id>
<Code>Accessories</Code>
<Name>Accessories</Name>
  </Reference>
  <Reference>
<ReferenceTypeId>1</ReferenceTypeId>
<Id>6723</Id>
<Code>Belts</Code>
<Name>Belts</Name>
  </Reference>
  <Reference>
<ReferenceTypeId>1</ReferenceTypeId>
...etc...
  </References>
</ReferencesbyType>
```

1.14.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.14.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

1.15 RETRIEVE PRODUCT REFERENCE TYPES

The Reference Type details for products are retrieved by submitting a **GET** to the following URI. The Ids returned will be used to retrieve the product navigation tree.

1.15.1 URI REQUEST FORMAT

/ProductReferenceTypes?countryCode={countryCode}

1.15.2 REQUEST PARAMETERS

| Field | Required | Comment |
|--------------|-----------|--|
| Country Code | Mandatory | Country Code of shopper |
| ExtendedRefs | Optional | "True" to return all product references (not just style references) can be up to 20. |

1.15.3 EXAMPLE REQUEST

GET

<https://retailapi.apparel21.com/RetailAPI/ProductReferenceTypes?countryCode=AU&ExtendedRefs=true>

Content-type: text/xml

Accept:version_2.0

1.15.4 EXAMPLE RESPONSE

```
<ProductReferenceTypes xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Id>99</Id>
  <Name>Product</Name>
  <ReferenceTypes Type="Array">
    <Reference>
      <Sequence>1</Sequence>
      <ReferenceTypeId>257</ReferenceTypeId>
      <Code>Range</Code>
      <Name>Product Range</Name>
    </Reference>
    <Reference>
      <Sequence>2</Sequence>
      <ReferenceTypeId>1021</ReferenceTypeId>
      <Code>Season</Code>
      <Name>Product Season</Name>
    </Reference>
    <Reference>
      <Sequence>3</Sequence>
      <ReferenceTypeId>1</ReferenceTypeId>
      <Code>Prod Grp</Code>
      <Name>Product Group</Name>
    </Reference>
    <Reference>
      <Sequence>4</Sequence>
```

```

        <ReferenceTypeId>1201</ReferenceTypeId>
        <Code>StockTyp</Code>
        <Name>Stock Type</Name>
    </Reference>
    <Reference>
        <Sequence>5</Sequence>
        <ReferenceTypeId>258</ReferenceTypeId>
        <Code>Label</Code>
        <Name>Product Label</Name>
    </Reference>
    <Reference>
        <Sequence>6</Sequence>
        <ReferenceTypeId>1621</ReferenceTypeId>
        <Code>COrigin</Code>
        <Name>Country of Origin</Name>
    </Reference>
    <Reference>
        <Sequence>7</Sequence>
        <ReferenceTypeId>315</ReferenceTypeId>
        <Code>Batch Tp</Code>
        <Name>Batch Type</Name>
    </Reference>
    <Reference>
        <Sequence>11</Sequence>
        <ReferenceTypeId>2</ReferenceTypeId>
        <Code>Comp Grp</Code>
        <Name>Component Group</Name>
    </Reference>
    <Reference>
        <Sequence>13</Sequence>
        <ReferenceTypeId>19</ReferenceTypeId>
        <Code>Story</Code>
        <Name>Story</Name>
    </Reference>
</ReferenceTypes>
</ProductReferenceTypes>

```

1.15.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.15.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

1.16 RETRIEVE PRODUCT COLOUR REFERENCE CODES

The Product Colour Reference Codes are retrieved by submitting a **GET** to the following URI.

1.16.1 URI REQUEST FORMAT

/ProductColourReferences?countryCode={countryCode}

1.16.2 REQUEST PARAMETERS

| Field | Required | Comment |
|--------------|-----------|-------------------------|
| Country Code | Mandatory | Country Code of shopper |

1.16.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/ProductColourReferences?countryCode={{CodeForCountry}}>

Content-type: text/xml

1.16.4 EXAMPLE RESPONSE

```

<ProductColourReference>
  <ClrId>1142</ClrId>
  <RowNumber>1</RowNumber>
  <References Type="Array">
    <Reference>
      <ReferenceTypeId>1221</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>425</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1000903</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1322</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1000001</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>202</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>1261</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>256</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>419</ReferenceTypeId>
      <Id />
    </Reference>
    <Reference>
      <ReferenceTypeId>10</ReferenceTypeId>
      <Id />
    </Reference>
  </References>
</ProductColourReference>
...etc....

```

1.16.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.16.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

1.17 RETRIEVE PRODUCT COLOUR REFERENCE CODES FOR A SINGLE PRODUCT COLOUR

The Product Colours References are retrieved by submitting a **GET** to the following URI.

1.17.1 URI REQUEST FORMAT

/ProductColourReferences/clrid/?countryCode={countryCode}

1.17.2 REQUEST PARAMETERS

| Field | Required | Comment |
|--------------|-----------|---------------------------------|
| Country Code | Mandatory | Country Code of shopper |
| ClrId | Mandatory | Unique Id of the style / colour |

1.17.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/ProductColourReferences/1002?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.17.4 EXAMPLE RESPONSE

```
<ProductColourReferences>
  <ClrId>1002</ClrId>
  <RowNumber>1</RowNumber>
  <References Type="Array">
    <Reference>
      <ReferenceTypeId>1002</ReferenceTypeId>
      <Id />
    </Reference>
  </References>
</ProductColourReferences>
```

1.17.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.17.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

1.18 RETRIEVE PERSON REFERENCE CODES

The Person References are retrieved by submitting a **GET** to the following URI.

1.18.1 URI REQUEST FORMAT

/PersonReferenceTypes/?countryCode={countryCode}

1.18.2 REQUEST PARAMETERS

| Field | Required | Comment |
|-------------|-----------|-------------------------|
| CountryCode | Mandatory | Country Code of shopper |

1.18.3 EXAMPLE REQUEST

GET <https://retailapi.apparel21.com/RetailAPI/PersonReferenceTypes?countryCode=AU>

Content-type: text/xml

Accept:version_2.0

1.18.4 EXAMPLE RESPONSE

```
<Id>12</Id>
<Name>Person</Name>
<ReferenceTypes Type="Array">
  <Reference>
    <Sequence>1</Sequence>
    <ReferenceTypeId>1281</ReferenceTypeId>
    <Code>SType</Code>
    <Name>Store Type</Name>
  </Reference>
  <Reference>
    <Sequence>2</Sequence>
    <ReferenceTypeId>1321</ReferenceTypeId>
    <Code>PerType</Code>
    <Name>Person Type</Name>
  </Reference>
  <Reference>
    <Sequence>3</Sequence>
    <ReferenceTypeId>1361</ReferenceTypeId>
    <Code>AgeGrp</Code>
    <Name>Age Group</Name>
  </Reference>
  <Reference>
    <Sequence>5</Sequence>
    <ReferenceTypeId>27</ReferenceTypeId>
    <Code>SalesRep</Code>
    <Name>Sales Rep</Name>
  </Reference>
</ReferenceTypes>
</PersonReferenceTypes>
```

1.18.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.18.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

8 NAVIGATION TREE

This resource provides a tree of product references which can be used to construct a navigation path for finding products. The structure and levels of the tree is defined by the query providing the product reference types to navigate by. Up to 5 levels can be requested.

Refer to [Product References](#) for further detail.

1.19 NAVIGATION TREE DETAILS

Each reference tree consists of up to 5 levels of nodes. The following is a description of fields for one level.

| Field | Format | Max Length | Comment | Example | GET Response | HTTP Header Accept:Version_ |
|-------------------|---------|------------|--|---------------|--------------|-----------------------------|
| Level | Integer | 1 | Level of Node | 2 | Yes | 1.0 |
| NodeId | Integer | 22 | Unique Id for node. This is useful for storing the nodes in a browser object. | 2 | Yes | 1.0 |
| ReferenceTypeId | Integer | 22 | Id of the reference type | 257 | Yes | 1.0 |
| ReferenceId | Integer | 22 | Id of reference. A reference is an instance of a reference type. | 6326 | Yes | 1.0 |
| ReferenceCode | Alpha | 15 | Reference Code | Mens | Yes | 1.0 |
| ReferenceName | Alpha | 40 | Reference Name | Mens | Yes | 1.0 |
| ProductQuery | Alpha | 250 | A string which is used as query parameter to the the products resource to get a list of products satisfying this node. Format is <i>sequence,reference code index:sequence,reference code index</i> Sequence = reference position on the product Reference code index = unique identifier for reference code, e.g. 12345 = Womens | 1,2405:2,6326 | Yes | 1.0 |
| ProductQueryNames | Alpha | 250 | Description of the references building up this node. | Commune, Mens | Yes | 1.0 |
| LevelProductQuery | Alpha | 250 | Product query string for this level only. | 2,6326 | Yes | 1.0 |

RETRIEVE NAVIGATION TREE

Perform a **GET** on the following URI to detect the product reference (navigation) tree types available from the Apparel²¹ installation. The parameter values for levels are the reference type ids as retrieved previously. Typically these would be stored in a configuration file at the website provider.

1.19.1 URI REQUEST FORMAT

ReferenceTree?countryCode={countryCode}&level1={id1}&level2={id2}&level3={id3}&level4={id4}&level5={id5}

1.19.2 REQUEST PARAMETERS

| Field | Required | Comment |
|--------------|-----------|--|
| Country Code | Mandatory | Country Code of shopper |
| Level 1 | Mandatory | ReferenceTypeId of the first level of hierarchy |
| Level 2 | Optional | ReferenceTypeId of the second level of hierarchy |
| Level 3 | Optional | ReferenceTypeId of the third level of hierarchy |
| Level 4 | Optional | ReferenceTypeId of the fourth level of hierarchy |
| Level 5 | Optional | ReferenceTypeId of the fifth level of hierarchy |

1.19.3 EXAMPLE REQUEST

For this example we will use SubBrand, Division and Product Group in the navigation tree.

GET

<https://retailapi.apparel21.com/RetailAPI/ReferenceTree?countrycode=AU&level1=1041&level2=1004&level3=1>

Content-type: text/xml

Accept:version_2.0

1.19.4 EXAMPLE RESPONSE

```
<ReferenceTree>
  <Reference>
    <Level>1</Level>
    <NodeId>1</NodeId>
    <ReferenceTypeId>258</ReferenceTypeId>
    <ReferenceId>10991</ReferenceId>
    <ReferenceCode>BONZ</ReferenceCode>
    <ReferenceName>Bonez Streetwear</ReferenceName>
    <ProductQuery>1,10991</ProductQuery>
    <ProductQueryNames>Bonez Streetwear</ProductQueryNames>
    <LevelProductQuery>1,10991</LevelProductQuery>
    <Children>
      <Reference>
        <Level>2</Level>
        <NodeId>2</NodeId>
        <ReferenceTypeId>257</ReferenceTypeId>
        <ReferenceId>6326</ReferenceId>
        <ReferenceCode>Mens</ReferenceCode>
        <ReferenceName>Mens</ReferenceName>
        <ProductQuery>1,10991:2,6326</ProductQuery>
      </Reference>
    </Children>
  </Reference>
</ReferenceTree>
```

```

<ProductQueryNames>Bonez Streetwear, Mens</ProductQueryNames>
<LevelProductQuery>2,6326</LevelProductQuery>
<Children>
<Reference>
<Level>3</Level>
<NodeId>3</NodeId>
<ReferenceTypeId>1</ReferenceTypeId>
<ReferenceId>2797</ReferenceId>
<ReferenceCode>Dresses</ReferenceCode>
<ReferenceName>Dresses</ReferenceName>
<ProductQuery>1,10991:2,6326:3,2797</ProductQuery>
<ProductQueryNames>Bonez Streetwear, Mens, Dresses</ProductQueryNames>
<LevelProductQuery>3,2797</LevelProductQuery>
<Children />
  </Reference>
</Children>
</Reference>
<Reference>
<Level>2</Level>
<NodeId>4</NodeId>
<ReferenceTypeId>257</ReferenceTypeId>
<ReferenceId>5063</ReferenceId>
<ReferenceCode>Women</ReferenceCode>
<ReferenceName>Womens</ReferenceName>
<ProductQuery>1,10991:2,5063</ProductQuery>
<ProductQueryNames>Bonez Streetwear, Womens</ProductQueryNames>
<LevelProductQuery>2,5063</LevelProductQuery>
<Children>
<Reference>
<Level>3</Level>
<NodeId>5</NodeId>
<ReferenceTypeId>1</ReferenceTypeId>
<ReferenceId>2364</ReferenceId>
<ReferenceCode>Jackets</ReferenceCode>
<ReferenceName>Jackets</ReferenceName>
<ProductQuery>1,10991:2,5063:3,2364</ProductQuery>
<ProductQueryNames>Bonez Streetwear, Womens , Jackets</ProductQueryNames>
<LevelProductQuery>3,2364</LevelProductQuery>
<Children />
  </Reference>
</Children>
</Reference>
</Children>
</Reference>
<Reference>
<Level>1</Level>
<NodeId>6</NodeId>
<ReferenceTypeId>258</ReferenceTypeId>
<ReferenceId>2405</ReferenceId>
<ReferenceCode>COMM</ReferenceCode>
<ReferenceName>Commune</ReferenceName>
<ProductQuery>1,2405</ProductQuery>
<ProductQueryNames>Commune</ProductQueryNames>
<LevelProductQuery>1,2405</LevelProductQuery>
<Children>
<Reference>
<Level>2</Level>
<NodeId>7</NodeId>
<ReferenceTypeId>257</ReferenceTypeId>
<ReferenceId>4060</ReferenceId>
<ReferenceCode>Accessories</ReferenceCode>
<ReferenceName>Accessories</ReferenceName>
<ProductQuery>1,2405:2,4060</ProductQuery>
<ProductQueryNames>Commune, Accessories</ProductQueryNames>
<LevelProductQuery>2,4060</LevelProductQuery>
<Children>
<Reference>
<Level>3</Level>
<NodeId>8</NodeId>
<ReferenceTypeId>1</ReferenceTypeId>
<ReferenceId>2368</ReferenceId>
<ReferenceCode>Accessories</ReferenceCode>
<ReferenceName>Accessories</ReferenceName>
<ProductQuery>1,2405:2,4060:3,2368</ProductQuery>
<ProductQueryNames>Commune, Accessories</ProductQueryNames>
<LevelProductQuery>3,2368</LevelProductQuery>
<Children />
  </Reference>

```

...etc....

When a user clicks on a particular node, the associated products can be retrieved via the **ProductQuery** elements.

```
<ProductQuery>1,2405:2,4060:3,2368</ProductQuery>
```

Note: Record details of this element will be used in the products endpoint.

1.19.5 SUCCESS RESPONSE

| HTTP Response | | |
|---------------|--|--|
| 200 | | |

1.19.6 ERROR RESPONSE

| HTTP Error | API Error Code | API Error Text |
|------------|----------------|----------------|
| 404 | | |

9 PRODUCTS

The API retrieves relevant product information necessary for the customer to browse products on the website. The detail includes

- Description
- Colour and size information
- Pricing
- Stock availability
- Barcodes
- Product Reference Code details

There are six different methods of obtaining product information.

The following resources construct product detail in three levels – product, colour and SKU – with pricing and stock availability.

List of products

Single product by Id

Products you might like

The following resources do not provide SKU level detail including stock availability.

Get list of products – simple

Single product by Id – simple

Product notes by Id

Product colour notes by colour Id

There may be many colours for a product and each colour is able to have up to 30 sizes (SKU).

Colour References

Products are sometimes grouped at the colour level using Colour References. A list of products with similar colour references can be obtained using the *Clr Id* on the Product detail and using the request listed in [Product Colours References](#).

Pricing

By size, there are three price fields:

Price = Current price for today's date

OriginalPrice = Original price (price with no start or end date)

RetailPrice = Current price for today's date from price scheme set in Generic Interface Translation table for SALESNET_RRP. This may not be the same price scheme as the store.

Promotional pricing set up in Apparel²¹ *Retail Promotions* is only applied when the Cart is submitted.

The *Markdown Status* element and filter at the product / colour level can be used to see if the current price is a permanent or temporary markdown. This is useful for tagging products for a different area of the website. For example, permanent markdown product / colours can be moved to a "clearance" section of the website. Note: The item MUST have an "ORIGINAL" price for this to be effective. The Original price is the price with NO effective date range.

Custom Data

Apparel21 has Custom Data types that can be added to products. This allows businesses to further enrich the information about their products. As part of enriching data, the Retail API has been updated to allow web developers to retrieve the custom data to use within the web environment.

To utilise the custom data functionality, the header of the call will need to specify 'version 4'

content-type: text/xml

Accept: version_4.0

To make Custom Data available to web developers, and the extra information that businesses can add to their products, two product calls have been updated to retrieve the Custom Data.

Full product call

/Products?countryCode={countryCode}&CustomData=true

Single product call

/Products/{id}?countryCode={countryCode}&CustomData=true

An endpoint exists to return product custom data templates and attributes to know how custom data fields are defined.

Image URL

List of products and *Single product by Id* resources have a request parameter to return image URLs at product and colour levels.

1.20 PRODUCT DETAILS

| Field | Format | Max Length | Comment | Example | GET responses | | | | | | Product colour notes | HTTP Header Accept :Version_ |
|-------------------|-----------|------------|--|-----------------------------------|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|------------------------------|
| | | | | | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product - simple | Product notes | | |
| Id | Integer | 22 | Id for the product | 34053 | Yes | Yes | Yes | Yes | Yes | Yes | No | 1.0 |
| RowNumber | Integer | 22 | The row number of this product for this query | 27 | Yes | Yes | Yes | Yes | Yes | No | No | 1.0 |
| Code | Alpha | 10 | The product code | EMC4 | Yes | Yes | Yes | Yes | Yes | No | No | 1.0 |
| Name | Alpha | 30 | Description of product | Dririder Target Gloves | Yes | Yes | Yes | Yes | Yes | No | No | 1.0 |
| Description | Alpha | 254 | Comments specified for a product | Waterproof gloves to keep you dry | Yes | Yes | Yes | Yes | Yes | No | No | 1.0 |
| SizeRange | Alpha | 30 | Size range name – blank for non sized products | 6-14 | Yes | Yes | Yes | No | No | No | No | 1.0 |
| UpdateTimeStamp | Alpha | 256 | Date/time the last update was made to the product on the style table or the prices for that style changing for “today” (does not include stock quantity changes) | 2010-08-30T11:33:09 | Yes | Yes | No | Yes | Yes | No | No | 2.0 |
| OriginalPriceFrom | Num(22,2) | 22 | Original lowest price of the product | 79.95 | No | No | No | Yes | Yes | No | No | 1.0 |
| PriceFrom | Num(22,2) | 22 | Current lowest price of the product | 69.95 | No | No | No | Yes | Yes | No | No | 1.0 |
| OriginalPriceTo | Num(22,2) | 22 | Original Highest price of the product | 109.95 | No | No | No | Yes | Yes | No | No | 1.0 |
| PriceTo | Num(22,2) | 22 | Current Highest price of the product | 99.95 | No | No | No | Yes | Yes | No | No | 1.0 |

| Field | Format | Max Length | Comment | Example | GET responses | | | | | | Product colour notes | HTTP Header Accept:Version_ |
|-------------------|------------------------------|------------|--|----------------------------------|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|-----------------------------|
| | | | | | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product - simple | Product notes | | |
| References | | | The list of reference Ids for this product. | | | | | | | | | |
| Reference | | | Reference is a sub-element of references. | | | | | | | | | |
| ReferenceTypeId | Integer | 22 | The reference type Id | 257 | Yes | Yes | Yes | No | No | No | No | 1.0 |
| Id | Integer | 22 | The reference Id of this reference type for this product | 6326 | Yes | Yes | Yes | No | No | No | No | 1.0 |
| CustomData | | | List of Cards of Custom Data on product level | | Yes | Yes | No | No | No | No | No | 4.0 |
| Cards | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Card | Alpha | | Name="" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Fields | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Field | Alpha, Number, Boolean, Date | | Name="" | Summer, 2134558, YES, 2019-03-30 | Yes | Yes | No | No | No | No | No | 4.0 |
| ListValues | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Value | Alpha, Number, Boolean, Date | | | Summer, 2134558, YES, 2019-03-30 | Yes | Yes | No | No | No | No | No | 4.0 |

| Field | Format | Max Length | Comment | Example | GET responses | | | | | | Product colour notes | HTTP Header Accept:Version_ |
|-----------|---------|------------|---|---|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|-----------------------------|
| | | | | | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product - simple | Product notes | | |
| Images | | | List of image URLs on product level Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Image | Alpha | | Sub-element of Images | | Yes | Yes | No | No | No | No | No | 4.0 |
| Sequence | Integer | 22 | Sequence Id of image in the array | 1 | Yes | Yes | No | No | No | No | No | 4.0 |
| TypeId | Integer | 22 | Reference Type Id | 11804 | Yes | Yes | No | No | No | No | No | 4.0 |
| TypeCode | Alpha | 15 | Code of Reference Type Id | WEB-02 | Yes | Yes | No | No | No | No | No | 4.0 |
| Url | Alpha | 1000 | A web-based image URL | https://res.cloudinary.com/envi mo/image/upload/v150163485 7/101780-3820/0011/001/3.png | Yes | Yes | No | No | No | No | No | 4.0 |
| Clrs | | | The list of colours for this product | | | | | | | | | |
| Clr | | | Clr is a sub-element of Clrs | | | | | | | | | |
| Id | Integer | 22 | The Id for this colour for this product | 542 | Yes | Yes | Yes | No | No | No | Yes | 1.0 |
| ProductId | Integer | 22 | The product Id which is the parent of this colour | 34053 | Yes | Yes | Yes | No | No | No | No | 1.0 |
| Sequence | Integer | 22 | The sequence of this colour within this product. | 1 | Yes | Yes | Yes | No | No | No | No | 1.0 |

| Field | Format | Max Length | Comment | Example | GET responses | | | | | | Product colour notes | HTTP Header Accept :Version_ |
|----------|--------|------------|--|-----------------|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|------------------------------|
| | | | | | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product – simple | Product notes | | |
| Code | Alpha | 21 | Colour code | Noir | Yes | Yes | Yes | No | No | No | No | 1.0 |
| Name | Alpha | 61 | Colour Name | Noir comme poix | Yes | Yes | Yes | No | No | No | No | 1.0 |
| TypeCode | Alpha | 21 | If reference group ColType / Colour Type (RGIDX = 426) is attached to the Colour object in Object Maintenance then this will extract the reference code applied to the colour I the colour table. If this reference group is NOT attached to the colour object, then this will extract colour code. The purpose of grouping colours with a type could be useful for grouping the many unique representations of a colour for different products. E.g. Black, Nero, Noir, grouped under one reference code called Black. | BLK | Yes | Yes | Yes | No | No | No | No | 1.0 |
| TypeName | Alpha | 61 | The global type name for this colour. See above explanation for code. This is the reference description for the same thing. If colour type | Black | Yes | Yes | Yes | No | No | No | No | 1.0 |

| Field | Format | Max Length | Comment | Example | GET responses | | | | | | Product colour notes | HTTP Header Accept:Version_ |
|-----------------|---------|------------|--|-----------|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|-----------------------------|
| | | | | | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product - simple | Product notes | | |
| | | | not set up, will show colour description. | | | | | | | | | |
| MarkdownStatus | Alpha | 9 | Permanent / Temporary / TempPermanent / None – this indicates whether the item is a clearance item or not. If permanent markdown, this indicates a clearance product / colour. TempPermanent is a permanently marked down item with a temporary markdown in place. | Permanent | Yes | Yes | No | No | No | No | No | 1.0 |
| References | | | The list of reference Ids for colour. | | Yes | Yes | Yes | No | No | No | No | 4.0 |
| Reference | | | Reference is a sub-element of references. | | Yes | Yes | Yes | No | No | No | No | 4.0 |
| ReferenceTypeId | Integer | 22 | The reference type Id | 1321 | Yes | Yes | Yes | No | No | No | No | 4.0 |
| Id | Integer | 22 | The reference Id of this reference type for this product | 4362 | Yes | Yes | Yes | No | No | No | No | 4.0 |
| CustomData | | | List of Cards of Custom Data on colour level | | Yes | Yes | No | No | No | No | No | 4.0 |
| Cards | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Card | Alpha | | Name="" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Fields | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |

| | | | | | GET responses | | | | | | | |
|------------|------------------------------|------------|--|---|------------------|----------------------|-------------------------|---------------------------|-------------------------|---------------|----------------------|-----------------------------|
| Field | Format | Max Length | Comment | Example | List of Products | Single Product by Id | Products you might like | List of products - simple | Single product - simple | Product notes | Product colour notes | HTTP Header Accept:Version_ |
| Field | Alpha, Number, Boolean, Date | | Name="" | Summer, 2134558, YES, 2019-03-30 | Yes | Yes | No | No | No | No | No | 4.0 |
| ListValues | Alpha | | Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Value | Alpha, Number, Boolean, Date | | | Summer, 2134558, YES, 2019-03-30 | Yes | Yes | No | No | No | No | No | 4.0 |
| Images | | | List of image URLs on product level Type="Array" | | Yes | Yes | No | No | No | No | No | 4.0 |
| Image | Alpha | | Sub-element of Images | | Yes | Yes | No | No | No | No | No | 4.0 |
| Sequence | Integer | 22 | Sequence Id of image in the array | 1 | Yes | Yes | No | No | No | No | No | 4.0 |
| TypeId | Integer | 22 | Reference Type Id | 11804 | Yes | Yes | No | No | No | No | No | 4.0 |
| TypeCode | Alpha | 15 | Code of Reference Type Id | WEB-02 | Yes | Yes | No | No | No | No | No | 4.0 |
| Url | Alpha | 1000 | A web-based image URL | https://res.cloudinary.com/envi-mo/image/upload/v1501634857/101780- | Yes | Yes | No | No | No | No | No | 4.0 |