

Definitions and Validations of Product Attributes

Updated 07/2013

This document includes Lowe’s data attribute names, descriptions and data validations for the following categories:

- [Global Data](#)
- [Lowe’s Data](#)

Global Data

Lowe’s Data Attribute Name	Description	Lowe’s Data Validations
Availability End Date	The date from when the trade item is no longer available from the information provider. This includes seasonal or temporary trade items and services. Date format is CCYY-MM-DDTHH:MM:SS.	<ol style="list-style-type: none"> 1. If both Availability End Date and <u>Availability Start Date</u> are present, Availability End Date must be later than Availability Start Date. 2. Mandatory data attribute in a WITHDRAW CIN 3. Availability End Date must be current or future-dated; no backdating allowed. 4. Availability End Date cannot be greater than the <u>Discontinuation Date</u> (where present) or the <u>Cancellation Date</u> (where present).
Availability Start Date	When an item can first be ordered by the buyer for a new or seasonal item.	Mandatory data attribute at the Consumer Unit Level.
Barcode Symbology	The type of barcode or codes that is visible on the item (i.e. UPCA, EAN13, EAN8, ITF14).	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. Must contain a value that is acceptable to Lowe’s. 3. Due to the complexity of the data validations surrounding Barcodes, please reference the Barcode Guidelines document also available on LowesLink®.
Base Unit Indicator	An indicator identifying the trade item as the base unit level of the trade item hierarchy. Base unit is the smallest possible unit.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. There can be only one occurrence of Base Unit Indicator = TRUE in a CIN. 3. At the lowest hierarchical level, Base Unit Indicator must equal TRUE.
Brand Name	The recognizable name used by a brand owner to uniquely identify a line of trade item or services. This is the name that is recognizable by the consumer.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Cannot exceed 50 characters in length.
Brand Owner GLN	The Global Location Number of the Brand Owner.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, must be 13 numeric digits and must pass check digit validation. 3. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Brand Owner Name	Name of the party who owns the brand of the trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Cannot exceed 35 characters in length. 3. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
Cancellation Date	Date that a trade item is withdrawn by the vendor.	<ol style="list-style-type: none"> 1. Where present, must be in YYYY-MM-DD format. 2. Where present in a CORRECTION CIN, for the purposes of canceling a product hierarchy, the date must be current or future-dated.
Class of Dangerous Goods	Dangerous goods classification of the trade item. There are nine danger classes; some classes are further subdivided into subclasses.	None. Lowe's does not require this data attribute. However, if either a <u>Dangerous Goods Hazardous Code</u> or <u>U.N. Dangerous Goods Number</u> is present, the XML schema requirements necessitate the inclusion of this data attribute.
Classification Agency	Code indicating the Classification Agency responsible for maintaining the Classification Code.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, must have a value of "GPC".
Classification Code (also referred to as UDEX Classification Code)	A code classifying the type of trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. Must be a UDEX Classification Code. 2. Cannot exceed 15 characters in length. 3. Classification Code at one level must match the Classification Code at the next lowest level.
Classification Description (also referred to as UDEX Category Name)	A description of the classification category referenced by the Classification Code (see above). An example would be "Power Tools."	<ol style="list-style-type: none"> 1. Optional data attribute, but where present, the Classification Description of the "parent" item must match the Classification Description of the "child" item. 2. Cannot exceed 70 characters in length.
Color Code	A code indicating the color of the trade item.	None.
Color Code List Maintenance Agency	Code indicating the agency responsible for maintaining the Color Code (see above).	None (all values are acceptable).
Color Description	A description of the Color Code (see above).	Where present, cannot exceed 70 characters in length.
Consumer Unit Indicator	Identifies whether the current hierarchy level of a trade item is intended as a unit to be purchased by the consumer.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. A CIN must contain at least one Consumer Unit Indicator = TRUE or at least one <u>Variable Unit Indicator</u> = TRUE.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Contained GTIN (also referred to as Next Lower Level GTIN)	The GTIN of the next lowest level in the hierarchy. If the current level is the lowest level, then this value is the same as the value for GTIN at this level.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels except the lowest level. 2. Where present at the lowest level, the value of this attribute must match the value of the <u>GTIN</u> data attribute at the lowest level. 3. The value of Contained GTIN at one level must match the value of the GTIN data attribute at the next lowest level (not applicable to the lowest level - refer to #2 above). 4. All other validations applied to the GTIN data attribute are applied to this attribute as well.
Country of Origin	The country code(s) where the goods have been produced or manufactured.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the BASE_UNIT_OR_EACH hierarchical level. 2. Must match an accepted Lowe's value for this data attribute.
Despatch Unit Indicator	An indicator identifying that the information provider considers the trade item as a despatch (shipping) unit.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. There must be at least one occurrence of Despatch Unit Indicator = TRUE in a packaging hierarchy.
Discontinuation Date	Date that a trade item is discontinued by the vendor.	<ol style="list-style-type: none"> 1. Where present in a CORRECTION CIN, for the purposes of discontinuing a product hierarchy, the date must be current or future-dated. 2. Where present, must be in YYYY-MM-DD format.
EAN/UCC Code (also referred to as Barcode)	Unique code assigned by the EAN/UCC system to this trade item.	Mandatory data attribute at all levels.
EAN/UCC Type (also referred to as Barcode Type)	Type of code indicated above.	Mandatory data attribute at all levels.
Extended Product Description	An extension of the <u>Product Description</u> .	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, cannot exceed 350 characters in length.
Finish Description	Description of the outer surface/appearance of the product.	Where present, cannot exceed 70 characters in length.
Flash Point Temperature	The lowest temperature at which a substance gives off a sufficient vapor to support combustion.	<ol style="list-style-type: none"> 1. Required data attribute if a <u>U.N. Dangerous Goods Number</u> is present. 2. Where present, must be a numeric value. 3. Total length not exceeding 4 digits before the decimal (4.2).
Flash Point Temperature Unit of Measure	The unit of measure for Flash Point Temperature. Lowe's preferred unit of measure is Fahrenheit.	<ol style="list-style-type: none"> 1. Required data attribute if <u>Flash Point Temperature</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Functional Name	Describes the functional use of this trade item.	<ol style="list-style-type: none"> Where present, cannot exceed 35 characters in length. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
GLN: Global Location Number (also referred to as Information Provider GLN)	Unique number assigned by the EAN/UCC system referencing the vendor providing the information for these trade items.	<ol style="list-style-type: none"> Mandatory data attribute at the Consumer Unit level. Where present, must be 13 numeric digits and must pass check digit validation. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
Gross Weight	The gross weight of the trade item, including all packaging materials. At the pallet level, this includes the weight of the pallet.	<ol style="list-style-type: none"> Mandatory data attribute if this is an Orderable Unit. Must be a positive numeric value not exceeding 10 digits before the decimal (10.4). Gross Weight must be greater than or equal to <u>Net Weight</u>. At each level (other than the lowest level), Gross Weight must be greater than or equal to the cumulative Gross Weight at the next lowest level (Cumulative refers to the combined weight. As an example, 10 Cases weighing 8 pounds each would have a cumulative Gross Weight of 80 pounds). For a DATA_CHANGE CIN, the value for Gross Weight cannot differ by more than 20% from the current value for Gross Weight. A vendor must provide 30 days advance notice of a change to Gross Weight. Failure to do so will not result in a data validation error, but will result in a "warning" message being included in the notification to the vendor.
Gross Weight Unit of Measure	The unit of measure for Gross Weight. Lowe's preferred unit of measure is pounds (lbs.).	<ol style="list-style-type: none"> Required data attribute if <u>Gross Weight</u> is present. Where present, must be an accepted Lowe's value for this attribute. Where both are present, Gross Weight UOM and <u>Net Weight UOM</u> must match.
GTIN (Global Trade Identification Number)	Unique number assigned by the EAN/UCC system referencing a specific trade item at a specific hierarchical level.	<ol style="list-style-type: none"> Mandatory data attribute at all levels. Must be 14 numeric digits, must have a valid check digit, and cannot contain more than six leading zeroes. Within a specific CIN, the same GTIN cannot be used for more than one hierarchical level.
GTIN Effective Date (also referred to as Effective Date)	Effective date of all the information provided for this trade item.	<ol style="list-style-type: none"> Mandatory data attribute at all levels. Must be in YYYY-MM-DD format. If this is a DATA_CHANGE CIN, the GTIN Effective Date must be greater than the "existing" GTIN Effective Date. The Effective Date must be current or future-dated.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Hierarchical Level (also known as Trade Item Unit Descriptor)	Defines the hierarchical level of the trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. A "parent" level cannot have more than one "child" level assigned to it. 3. A hierarchical level of BASE_UNIT_OR_EACH cannot have a "child" level assigned to it. 4. Lowe's accepts only the following nine combinations of Hierarchical Level(s): <ol style="list-style-type: none"> a. PALLET, CASE, PACK_OR_INNERPACK and BASE_UNIT_OR_EACH b. PALLET, CASE and BASE_UNIT_OR_EACH c. PALLET, PACK_OR_INNERPACK and BASE_UNIT_OR_EACH d. PALLET and CASE e. PALLET and BASE_UNIT_OR_EACH f. CASE, PACK_OR_INNERPACK and BASE_UNIT_OR_EACH g. CASE and BASE_UNIT_OR_EACH h. CASE i. BASE_UNIT_OR_EACH
Import Classification Type	Code indicating the type of Import Classification Value (refer to <u>Vendor Harmonized Tariff ID</u>).	<ol style="list-style-type: none"> 1. If <u>Vendor Harmonized Tariff ID</u> is present, this data attribute must be present. 2. Where present, must be equal to HARMONIZED_TARIFF_SCHEDULE_OF_THE_US.
In-box Depth	The measurement from front to back of the trade item, including packaging.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. Must be a positive numeric value not exceeding 10 digits before the decimal (10.4). 3. For a DATA_CHANGE CIN, the value for In-box Depth cannot differ by more than 20% from the current value for In-box Depth. 4. A vendor must provide 30 days advance notice of a change to In-box Depth. Failure to do so will not result in a data validation error, but will result in a "warning" message being included in the notification to the vendor.
In-box Depth Unit of Measure	The unit of measure for In-box Depth. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>In-box Depth</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute. 3. The value for In-box Depth UOM must match <u>In-box Height UOM</u> and <u>In-box Width UOM</u>.
In-box Height	The measurement of the height of the trade item, including packaging.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. Must be a positive numeric value not exceeding 10 digits before the decimal (10.4). 3. For a DATA_CHANGE CIN, the value for In-box Height cannot change by more than 20% from the previous value for In-box Height. 4. A vendor must provide 30 days advance notice of a change to In-box Height. Failure to do so will not result in a data validation error, but will result in a "warning" message being included in the notification to the vendor.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
In-box Height Unit of Measure	The unit of measure for In-box Height. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>In-box Height</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute. 3. The value for In-box Height UOM must match <u>In-box Depth UOM</u> and <u>In-box Width UOM</u>.
In-box Width	The measurement of the width of the trade item, including packaging.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. Must be a positive numeric value not exceeding 10 digits before the decimal (10.4). 3. For a DATA_CHANGE CIN, the value for In-box Width cannot change by more than 20% from the previous value for In-box Width. 4. A vendor must provide 30 days advance notice of a change to In-box Width. Failure to do so will not result in a data validation error, but will result in a "warning" message being included in the notification to the vendor.
In-box Width Unit of Measure	The unit of measure for In-box Width. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>In-box Width</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute. 3. The value for In-box Width UOM must match <u>In-box Depth UOM</u> and <u>In-box Height UOM</u>.
Invoice Unit Indicator	An indicator identifying that the information provider will include this trade item on its billing or invoice.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. TRUE indicates that it is an Invoice Unit; FALSE indicates that it is not. 2. There must be at least one occurrence of Invoice Unit Indicator = TRUE in a packaging hierarchy.
Last Change Date/Time	A system-generated value identifying the date and time a record was last updated. Date format is CCYY-MM-DDTHH:MM:SS.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, must be in YYYY-MM-DD HH:MM:SS format.
Lead Time (also referred to as Ordering Lead Time)	The normal delivery time measured from receipt of order by the seller until the seller ships the trade item. Lead time is defined as from date of Purchase Order to shipment date.	<ol style="list-style-type: none"> 1. Mandatory data attribute if this is an Orderable Unit. 2. Where present, must be a positive numeric value not exceeding 4 digits to the left of the decimal (4.0).
Lead Time Unit of Measure (also referred to as Ordering Lead Time UOM)	The unit of measure for Lead Time. Lowe's preferred unit of measure is days.	<ol style="list-style-type: none"> 1. Required data attribute if <u>Lead Time</u> is present. 2. Must match one of the accepted Lowe's values for this data attribute.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Manufacturer Global Location Number (GLN)	GLN identifying the manufacturer of the trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, must be 13 numeric digits and pass check digit validation. 3. Where present in more than one hierarchical level, the values for this attribute must be consistent across all levels.
Manufacturer Name	Name of manufacturer of trade item.	<ol style="list-style-type: none"> 1. Cannot exceed 35 characters in length. 2. Where this data attribute is present in more than one hierarchical level in a CIN, the values must be consistent across all levels.
Maximum Storage Temperature	The maximum allowable temperature that this trade item can be stored.	<ol style="list-style-type: none"> 1. Where present, must be a numeric value. 2. Total length cannot exceed 3 digits before the decimal (3.2).
Minimum Lifespan	The period of days, guaranteed by the manufacturer, before the expiration date of the trade item.	Where present, must be a positive numeric value with a maximum length of 5 digits.
Minimum Storage Temperature	The minimum allowable temperature that this trade item can be stored.	<ol style="list-style-type: none"> 1. Where present, must be a numeric value. 2. Where present, length cannot exceed 3 digits before the decimal (3.2). 3. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
MSDS Number (also referred to as Material Safety Data Sheet Number)	Manufacturer's identification number for the material safety data sheet for the trade item.	<ol style="list-style-type: none"> 1. Cannot exceed 20 characters in length. 2. If a <u>U.N. Dangerous Goods Number</u> is present and the Hazardous Material Identifier is equal to 1, this data attribute is required.
MSRP (also referred to as Suggested Retail Price)	Manufacturers suggested retail price.	<ol style="list-style-type: none"> 1. Where present, must be a numeric value, but cannot be a negative value. 2. Total length cannot exceed 7 digits before the decimal (7.2).
Nesting Increment	Indicates the incremental height of trade items nested together.	Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Nesting Increment Unit of Measure	The unit of measure of nesting increment. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Nesting Increment</u> is present. 2. Must match one of the accepted Lowe's values for this attribute.
Net Content	The amount of the trade item contained by a package.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Net Content Unit of Measure	The unit of measure for Net Content.	<ol style="list-style-type: none"> Required data attribute if <u>Net Content</u> is present. Must match one of the accepted Lowe's values for this attribute.
Net Weight	The net weight of the trade item, excluding packaging. At the pallet level, this does <u>not</u> include the weight of the pallet.	<ol style="list-style-type: none"> Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4). If <u>Gross Weight</u> is also present, Net Weight must be less than or equal to <u>Gross Weight</u>. At all levels (except the lowest level), Net Weight at one level must be greater than or equal to the cumulative Net Weight at the next lowest level (refer <u>Gross Weight</u> for example of "cumulative" weight). In a DATA_CHANGE CIN, the Net Weight cannot change by more than 20% from the previous value for Net Weight. A vendor must provide 30 days advance notice of a change to Net Weight. Failure to do so will not result in a data validation error, but will result in a "warning" message being included in the PCM notification to the vendor.
Net Weight Unit of Measure	The unit of measure for Net Weight. Lowe's preferred unit of measure is pounds (lbs.).	<ol style="list-style-type: none"> Required data attribute if <u>Net Weight</u> is present. Where present, must be an accepted Lowe's value for this attribute. If both are present, Net Weight UOM and <u>Gross Weight UOM</u> must match.
Next Lower Level Trade Item Information	This is a class of data attributes that specifies which hierarchical level is the next lowest level (in relation to the current level).	At the BASE_UNIT_OR_EACH level, this attribute class must not be present.
Number of Components (also referred to as Pieces Per Trade Item)	Numeric value to indicate number of physical pieces used to make up the consumer unit.	<ol style="list-style-type: none"> Where present, must be a positive numeric value. This number cannot contain decimals or exceed 9 digits.
Number of Units Contained (also referred to as Quantity of Next Lower Level GTIN)	The number of next lower level trade item that this trade item contains.	<ol style="list-style-type: none"> Required data attribute if <u>Contained GTIN</u> is present. Where present, must be a positive integer not exceeding 10 digits. Provided this level is one that is registered in the PCM application, the Quantity must match the registered Barcode quantity. Barcode quantity is defined as the number of lowest level units that are contained within this specific level of a packaging hierarchy.
Order Quantity Maximum	Maximum number of trade items that a retailer can include on a single order.	Where present, must be a positive integer value not exceeding 10 digits.



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Order Quantity Minimum	Minimum number of trade items that a retailer must include on a single order.	<ol style="list-style-type: none"> 1. Mandatory data attribute if this is an Orderable Unit. 2. Where present, must be a positive integer value not exceeding 5 digits.
Order Quantity Multiple	The order quantity multiples in which the trade item may be ordered.	<ol style="list-style-type: none"> 1. Mandatory data attribute if this is an Orderable Unit. 2. Where present, must be a positive integer value not exceeding 5 digits.
Order Unit of Measure	The unit of measure to be used when ordering this trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level and at the Variable Unit level. 2. If <u>Selling Unit of Measure</u> is present, this data attribute is required. 3. Must match an accepted Lowe's value for this attribute.
Orderable Unit Indicator	An indicator identifying that the information provider considers this trade item to be at a hierarchy level where they will accept orders from customers.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. A CIN must contain at least one Orderable Indicator = TRUE.
Out-of-box Depth	The measurement from front to back of the trade item, not including packaging.	<ol style="list-style-type: none"> 1. Required data attribute if either <u>Out-of-box Height</u> or <u>Out-of-box Width</u> is present. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Out-of-box Depth Unit of Measure	The unit of measure for Out-of-box Depth. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Out-of-box Depth</u> is present. 2. Where present, must match <u>Out-of-box Height UOM</u> and <u>Out-of-box Width UOM</u>.
Out-of-box Height	The measurement of the height of the trade item, not including packaging.	<ol style="list-style-type: none"> 1. Required data attribute if either <u>Out-of-box Depth</u> or <u>Out-of-box Width</u> is present. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Out-of-box Height Unit of Measure	The unit of measure for Out-of-box Height. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Out-of-box Height</u> is present. 2. Where present, must match <u>Out-of-box Depth UOM</u> and <u>Out-of-box Width UOM</u>.
Out-of-box Width	The measurement of the width of the trade item, not including packaging.	<ol style="list-style-type: none"> 1. Required data attribute if either <u>Out-of-box Depth</u> or <u>Out-of-box Height</u> is present. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Out-of-box Width Unit of Measure	The unit of measure for Out-of-box Width. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Out-of-box Width</u> is present. 2. Where present, must match <u>Out-of-box Depth UOM</u> and <u>Out-of-box Height UOM</u>.



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Packaging Material	Code identifying the type of packaging material.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. 2. Must match one of the accepted Lowe's values for this attribute.
Packaging Material Code List Maintenance Agency	Code identifying the agency responsible for maintaining the Packaging Material Code (see above).	<ol style="list-style-type: none"> 1. Where present, must be a value of "E". 2. If <u>Packaging Material</u> is present, this data attribute is required.
Packaging Type	Code indicating the type of packaging – bag, box, carton, etc.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Must match one of the accepted Lowe's values for this attribute.
Party Name (also referred to as Information Provider Name)	Name of the party referenced by the <u>Information Provider GLN</u> .	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Cannot exceed 35 characters in length. 3. Where present in more than one hierarchical level, the values for this attribute must be consistent across these levels.
Peg Hole Number	Used to indicate the peg hole numbers when more than one hole is present in the product or packaging. Peg holes should be numbered from the upper-left corner of the front of the package to the bottom-right corner. The peg holes should be identified from left to right, top to bottom with left to right having precedence.	Required data attribute if <u>Peg Vertical</u> and <u>Peg Horizontal</u> are present.
Peg Horizontal	The measurement of the horizontal distance from the edge of the trade item to the center of the hole into which the peg is inserted when the trade item is displayed on a pegboard.	<ol style="list-style-type: none"> 1. Required data attribute if <u>Peg Vertical</u> or <u>Peg Hole Number</u> is present. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Peg Horizontal Unit of Measure	The unit of measure for Peg Horizontal. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Peg Horizontal</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute.
Peg Vertical	The measurement of the vertical distance from the edge of the trade item to the center of the hole into which the peg is inserted when the trade item is displayed on a pegboard.	<ol style="list-style-type: none"> 1. Required data attribute if <u>Peg Horizontal</u> or <u>Peg Hole Number</u> is present. 2. Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).



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Peg Vertical Unit of Measure	The unit of measure for Peg Vertical. Lowe's preferred unit of measure is inches (In).	<ol style="list-style-type: none"> Required data attribute if <u>Peg Vertical</u> is present. Where present, must be an accepted Lowe's value for this attribute.
Priced Amount On Packaging (also referred to as Pre-Priced Amount)	The retail price as marked on the trade item package.	Where present, must be a positive numeric value not exceeding 10 digits before the decimal (10.4).
Product Description	The "long description" of the trade item. If not present, Lowe's utilizes the <u>Short Description</u> as the value for this attribute.	Where present, cannot exceed 1000 characters in length.
Product Variant Description	Description of the variable aspects of a product, if applicable.	Where present, cannot exceed 35 characters in length.
Recalled Item Indicator	An indicator for the trade item to determine if the manufacturer or supplier has recalled the product.	<ul style="list-style-type: none"> TRUE indicates that the trade item has been recalled. FALSE indicates that it has not.
Replaced GTIN	The GTIN of a trade item that is being permanently replaced by this trade item.	Optional data attribute. However, where present it must pass the same validations applied to the <u>GTIN</u> data attribute.
Seller Item Number	Vendor-assigned item number.	<ol style="list-style-type: none"> Cannot exceed 35 characters in length. Seller Item Number cannot contain any of the following characters: Tilde, underscore, semicolon, greater than sign, less than sign, backslash or asterisk.
Selling Unit of Measure	Vendor-assigned unit of measure to be used for the sale of this item.	<ol style="list-style-type: none"> Mandatory data attribute at the Consumer Unit level and at the Variable Unit level. Where present, must match one of the Lowe's accepted values for this attribute.
Source Tag Location (also referred to as Security Tag Location)	Code indicating where the EAS tag is located on the trade item.	<ul style="list-style-type: none"> N = Item not EAS tagged. 1 = EAS tagged on outside of package (Phase 1) [NOTE: on outside of trade item] 2 = EAS tagged inside package (Phase 2) [NOTE: concealed inside of trade item] 3 = EAS tagged inside or incorporated into actual product (Phase 3) [NOTE: integrated inside of trade item]
Source Tag Type (also referred to as Security Tag Type)	Code indicating the type of Source Tag (see above).	<ol style="list-style-type: none"> If <u>Source Tag Location</u> is present, this data attribute is required. Where present, must be equal to ACOUSTO_MAGNETIC_EAS_TAG.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
Stacking Factor	Indicates the maximum number of levels that this trade item may be stacked.	<ol style="list-style-type: none"> 1. Required data attribute if either <u>Nesting Increment</u> or <u>Nesting Increment UOM</u> is present. 2. Where present, must be a positive integer value; not exceeding 9 digits.
Stacking Weight Maximum	Indicates the maximum allowable weight for this trade item in a stack.	<ol style="list-style-type: none"> 1. Where present, must be a positive, numeric value. 2. Total length cannot exceed 7 digits before the decimal (7.2).
Stacking Weight Maximum Unit of Measure	The unit of measure for Stacking Weight Maximum. Lowe's preferred unit of measure is pounds (lbs.).	<ol style="list-style-type: none"> 1. Required data attribute if <u>Stacking Weight Maximum</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute.
Storage Temperature Unit of Measure	The unit of measure for <u>Minimum Storage Temperature</u> (there is also a unit of measure for <u>Maximum Storage Temperature</u>). Lowe's preferred unit of measure is Fahrenheit.	<ol style="list-style-type: none"> 1. Required data attribute if either <u>Maximum Storage Temperature</u> or <u>Minimum Storage Temperature</u> is present. 2. Where present, must be an accepted Lowe's value for this attribute. 3. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
Sub Brand	Secondary brand level (primary level is <u>Brand Name</u>). May be used to provide the Trademark.	<ol style="list-style-type: none"> 1. Cannot exceed 35 characters in length. 2. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across all levels.
Suggested Return Goods Policy (also referred to as Return Goods Disposition)	A code that describes the policy for the return of defective, damaged or non-salable product.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Consumer Unit level. 2. Must match one of the Lowe's accepted values for this attribute.
Target Market Country Code	The target market code indicates the country level (or higher geographical definition) where the vendor will make the GTIN available to buyers.	<ol style="list-style-type: none"> 1. Mandatory data attribute at all levels. Must equal "840" (country code for U.S.). 2. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across these levels.
Total Quantity of Layers Per Trade Item	The number of layers contained in a trade item.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the Pallet level. 2. Where present, must be a positive integer not exceeding 9 digits.
Total Quantity of Trade Items Per Layer	The quantity of next lower level trade items in a single layer. For example, if a pallet contained 48 cases, stored in 8 layers of 6 cases per layer, the quantity of items per layer would be 6.	<ol style="list-style-type: none"> 1. Mandatory data attribute at the pallet level. 2. Where present, must be a positive integer not exceeding 9 digits. 3. At the pallet level, multiply the value for this attribute by the value for <u>Total Quantity of Layers Per Trade Item</u>. The sum must equal the value for Quantity of Children at this level.



Lowe's Data Attribute Name	Description	Lowe's Data Validations
U.N. Dangerous Goods Number (also referred to as DOT Dangerous Goods Number).	Dangerous goods hazard ID number is assigned by the Department of Transport (DOT) that must be applied to the vehicle when transporting this trade item.	<ol style="list-style-type: none"> If either <u>Flash Point Temperature</u> or <u>Flash Point Temperature UOM</u> is present, this data attribute is required. If <u>Dangerous Goods Hazardous Code</u> equals DOT, this data attribute is required.
Variable Unit Indicator	Identifies whether this trade item is a variable unit. TRUE indicates that it is a variable unit; FALSE indicates that it is not.	<ol style="list-style-type: none"> Mandatory data attribute at all levels. If a CIN does not contain at least one instance where the Consumer Unit Indicator = TRUE, then there must be at least one instance where the Variable Unit Indicator = TRUE.
Vendor Description	A short version of the <u>Product Description</u> .	<ol style="list-style-type: none"> Mandatory data attribute at the Consumer Unit level. Where present, cannot exceed 70 characters in length.
Vendor Harmonized Tariff ID (also referred to as Import Classification Value)	The Harmonized Tariff System (HTS) code for this trade item.	<ol style="list-style-type: none"> This data attribute is required if both of the following conditions are met: <ol style="list-style-type: none"> <u>Country of Origin</u> data attribute is present at this level One or more of the values for <u>Country of Origin</u> are not equal to US.
Vendor Model Number	Vendor-assigned model number for this trade item.	<ol style="list-style-type: none"> At the Consumer Unit level, this data attribute is required only if <u>Seller Item Number</u> is not present. At a Non-Consumer Unit level, this data attribute is optional. Cannot exceed 70 characters. Vendor Model Number may only contain alphanumeric characters, with the exception of a hyphen (-) and period (.)
Volume	The volume of the trade item, as calculated by multiplying the <u>In-box Depth</u> x <u>In-box Height</u> x <u>In-box Width</u> .	<ol style="list-style-type: none"> At each hierarchical level (other than the lowest level), Volume must be greater than or equal to Volume in the next lowest level. The derived value cannot exceed 10 digits before the decimal (10.4).
Warranty Description	Description of the warranty that applies to this trade item.	Cannot exceed 1,000 characters in length.
Warranty URL	The URL where the warranty for this trade item is displayed.	Cannot exceed 1,000 characters in length.

Lowe's Data

Lowe's Data Attribute Name	Description	Data Validations
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Lowe's Data Attribute Name	Description	Data Validations
Available for Special Order (also referred to as Special Order Availability Indicator)	Identifies whether this trade item is available for special orders.	<p>This data attribute is mandatory at the Consumer Unit level.</p> <ul style="list-style-type: none"> • TRUE indicates that the trade item is available for special orders. • FALSE indicates that it is not.
Contains Wood Indicator	Identifies whether the trade item contains wood.	<p>This data attribute is mandatory at the Consumer Unit level.</p> <ul style="list-style-type: none"> • TRUE indicates that it does contain wood. • FALSE indicates that it does not.
Direct to Consumer Delivery Indicator	Identifies whether the vendor supports direct-to-consumer delivery for this trade item.	<p>If Special Order Available indicator is yes, this data attribute is required at the consumer unit level.</p> <ul style="list-style-type: none"> • TRUE indicates that the Vendor does support direct-to-consumer delivery for this trade item. • FALSE indicates that they do not support this.
Environmental Identifier	Identifies the environmental aspects or characteristics of this trade item.	<ol style="list-style-type: none"> 1. This data attribute is mandatory at all levels. 2. There can be multiple iterations of this data attribute. However, if the value of NO_ENVIRONMENTAL_ATTRIBUTE_SPECIFIED is indicated, no other iterations of this attribute can be provided.
Hazardous Material Identifier	An identifier indicating the level of HazMat information that is required for his trade item.	<ol style="list-style-type: none"> 1. If neither MSDS Number nor UN Dangerous Goods Number is present, this data attribute must be either NO_MSDS_AND_NOT_REGULATED_BY_DOT_(CFR49) or MSDS_AND_ORM-D_WITHOUT_LIMITED_OR_REPORTABLE_QUANTITY or MSDS_AND_NOT_REGULATED_BY_DOT_(CFR49) 2. If both MSDS Number and UN Dangerous Goods Number are present, this must be one of the two remaining valid values for this attribute. 3. This data attribute is mandatory at all levels.
Is Security Tag Present	The value for this indicator is "true" if the item contains a security tag,	<ol style="list-style-type: none"> 1. This data attribute is mandatory at the Consumer Unit level. 2. If the item is marked as TRUE, the core attributes securityTagLocation and securityTagType will be mandatory.
Point Value	A number assigned to this trade item in order to convey truckload quantity in an alternative measurement, rather than traditional cubic measurements.	<ol style="list-style-type: none"> 1. Where present, must be a positive numeric value. 2. Total length cannot exceed 4 digits before the decimal (4.3).
Related Product Information (also referred to as Dependent Trade Item)	Text provided by the vendor indicating the additional products required in order to utilize this trade item.	<ol style="list-style-type: none"> 1. Each iteration of this attribute cannot exceed 1,000 characters in length. 2. Cannot exceed 25 iterations of this attribute (25,000 total characters).



Lowe's Data Attribute Name	Description	Data Validations
Shelf Unit Quantity	Recommended quantity of units of trade item to be displayed to the consumer at point-of-sale.	Must be a positive numeric value that does not contain any decimals or exceeds 9 digits.
Source Tag Commit Date	The effective date when this item includes a security tag (also referred to as a source tag).	If <u>Source Tag Location</u> or <u>Source Tag Type</u> is present, this attribute is required.
Special Order Lead Time	The normal delivery time for a special order, as measured from receipt of the special order by the seller until the seller ships the trade item.	<ol style="list-style-type: none"> If <u>Available for Special Order</u> =TRUE, this data attribute is required. Where present, must be a positive integer not exceeding 5 digits. Where present in more than one level of the hierarchy, the values for this attribute must be consistent across all levels.
Special Order Lead Time Unit of Measure	The unit of measure for Special Order Quantity Lead Time. Lowe's preferred unit of measure is days.	<ol style="list-style-type: none"> If <u>Special Order Lead Time</u> is present, this data attribute is required. Where present, must be a value accepted by Lowe's for this attribute.
Special Order Quantity Minimum	Minimum number of trade items that a retailer must include on a special order.	<ol style="list-style-type: none"> If <u>Available for Special Order</u> =TRUE, this data attribute is required. Where present, must be a positive integer value not exceeding 5 digits.
Special Order Quantity Multiple	The order quantity multiples in which the trade item may be special-ordered.	<ol style="list-style-type: none"> If <u>Available for Special Order</u> =TRUE, this data attribute is required. Where present, must be a positive integer value not exceeding 5 digits.
Truck Load Quantity	The number of trade items that may be included in a "standard" truck load.	Must be a positive numeric value that does not contain any decimals or exceeds 9 digits.
US Patent	Identifies whether this trade item is subject to a United States Patent.	<p>Mandatory at the Consumer Unit level.</p> <ul style="list-style-type: none"> TRUE indicates that the trade item is subject to a U.S. Patent. FALSE indicates that it is not.

