



NASHVILLE WIRE
PRODUCTS



Integrity

Transparency in our Quotes



Quote

(615)743-2600 | FAX (615) 743-2601 | (800) 841-3274
Email orders to: mhorders@nashvillewire.com

Number: **314672**
Prepared by: Joey Baggott
615-743-2618
jbaggott@NASHVILLEWIRE.com

Prepared For: NASHVILLE WIRE PRODUCTS
NASHVILLE, TN 37218

Contact: Matt Horders
Phone: 615-743-2600
Fax:
Email: mhorders@nashvillewire.com

Please note: Quotes are valid for 30 days and orders must ship within 60 from date of quote.

Date	Expiration Date	Lead Time	Ship Via	F.O.B.	Terms
11/20/2019	12/20/2019	Stock		Nashville, TN	N30

Item	Description	Quantity	Weight Ea	Unit Price	Amount
D4246AA0A1	PalletShelf™ 42" deep X 46" wide WATERFALL WIRE DECK, 3 each 14 gauge std U supports for step beams, 2.5" X 4" mesh c-c 6 gauge wire all .192" diameter, finish is gray, capacity is 2700 lbs UDL *Made in the USA*	100	19.6		

Nashville Wire Products is a registered and licensed user of R-Mark. We manufacture all of our wire decking products in accordance with ANSI V1H26.2. However, certain items and/or products may not carry the R-Mark Certification. For details on any specific item, please ask.

- Any claims for shortages, incorrect shipments, or damaged goods must be submitted within 5 days of delivery to receive consideration.
- Shipments are based on actual lead times upon receipt of purchase order, confirmed product specifications, and credit approval.
- Pricing is quantity specific. Any change in order quantity may affect pricing and freight estimate.
- Payments by credit card over \$5,000 will be subject to a 2.5% service charge.
- All orders subject to NW's standard terms and conditions.
- Cancelled orders may be subject to cancellation charge.
- Freight rates are subject to re-quote at time of shipment.
- Each shipment is invoiced separately.



Amount:
Freight:
Sales Tax: _____
Total: _____

- ✓ Wire Gauge Diameter
- ✓ R-Mark Certification
- ✓ Country of Origin
- ✓ Deck Weight

Full Transparency

PalletShelf™ 42" deep X 46" wide WATERFALL WIRE DECK, 3 each 14 gauge std U supports for step beams, 2.5" X 4" mesh c-c 6 gauge wire all .192" diameter, finish is gray, capacity is 2700 lbs UDL *Made in the USA*

Uniformly Distributed Loads

ANSI/RMI Definition

ANSI Standard of Uniformly Distributed Loads – 26.2-2017



Definition 3.1.15 – Any static load which is evenly distributed over the entire surface on the rack deck independent of the support system

****Must be within 2" of each beam****



Capacity Tests

How Nashville Wire Tests



Nashville Wire has an onsite test stand in TN to check the capacity ratings on decks.

Decks are put through testing for deflection and failure before assigned an ANSI approved capacity.

ANSI Standard 26.2 governs the design, testing, and use of wire rack decking.

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Capacity Tests

How ANSI 26.2 determines Capacity



Capacity Definition: A maximum recommended uniformly distributed static load

Two Separate Tests: Deflection Test and Failure Test

Capacity Tests

How ANSI 26.2 determines Capacity



Apply an increasing load up to the point at which deflection of $D/165$ is achieved. Record the capacity exerted as W1.

Capacity Tests

How ANSI 26.2 determines Capacity



Continue to increase the load until structural collapse occurs. Record the capacity exerted at failure and divide it in half and record that number as W2.

The lesser of the two values, W1 and W2, gives you your capacity test result.

Example: 42 x 46 deck

- Reaches maximum point of deflection at 2500#
- Fails at 7,000#
- UDL rating is determined by the lesser of the two: Maximum point of deflection or
- 1/2 of the failure rate.
- **The R-Mark rating for this deck would be 2500#**

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- ✓ Wire Gauge Diameter
- ✓ R-Mark Certification
- ✓ Country of Origin
- ✓ Deck Weight

Full Transparency

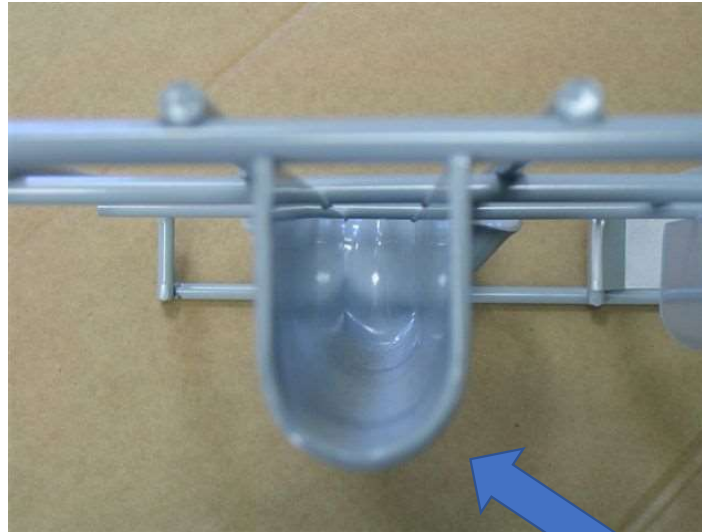
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Why Choose Nashville Wire?

Typical Import Channels



Channel profile is much weaker “V” shape 1.438”



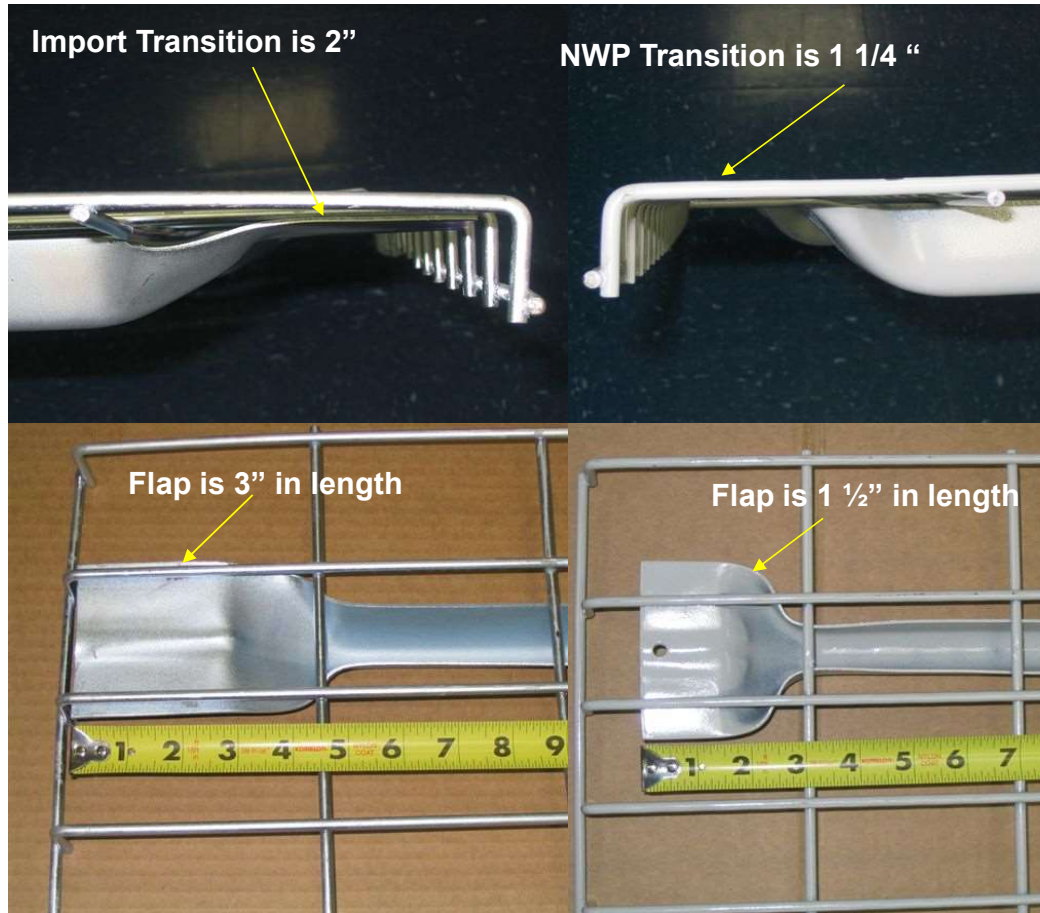
Channel profile is “U” shaped 1.56” in height



20% more strength gained by roll-forming to “U”

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Typical Import Channels





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