

WIRE DECKING

THE ADVANTAGES

- *Increases capacity*
- *Easy installation*
- *High visibility for inventory inspection*
- *Minimizes dirt build-up*
- *Improves air circulation*
- *Decreases insurance premiums*
- *Increases overhead sprinkler effectiveness*
- *Meets fire code standards*
- *Easy maintenance*
- *Promotes safety*

Stronger, safer and more efficient than traditional methods.

ITC OFFERS

- **Super Light Duty Decks:** For lower capacity applications
- **Super Heavy Duty Decks:** For applications needing over 3,800 lb. capacity
- **Outdoor Decks:** Zinc-plated or hot-dip galvanized for great weather resistance
- **Anchored Decks:** Can be secured to the beam to stop beam separation and prevent deck movement

Support channels are integrated into decks, eliminating the need for pallet rack cross bars.

DETERMINE YOUR NEEDS

SUPPORT CHANNELS / CAPACITY

The steel support channels welded to the bottom of pallet rack decks supply the load bearing capacity. Most decks use three support channels to get the standard 2,500 lb capacity for small and mid sized decks. With a depth of 48" or more, or a width of 58", an additional channel is needed to get a capacity of 2,500 lbs. Step channels provide greater strength than flanged. For some applications such as food storage, inverted channels are used.

GRID PATTERNS

Most decks use 2" X 4" or 2 1/2" X 4 1/2" grid patterns. However, for hand stack applications, customers often need a tighter grid pattern for smaller material. For these uses, you may want to use a 1" X 4" or 1" X 6" grid pattern. These will have the top wires, those that contact the material, only an inch apart to handle even the smallest boxes.

WATERFALLS

Although the standard for decking is the 1 1/2" outside waterfall, variations are available for custom applications. For example, if your customer has a beam with a small beam face of 3" and wants to use this space for labels, barcodes, SKU numbers, etc., you could use a 1" waterfall or no waterfall. From a safety standpoint a smaller waterfall is better than no waterfall.

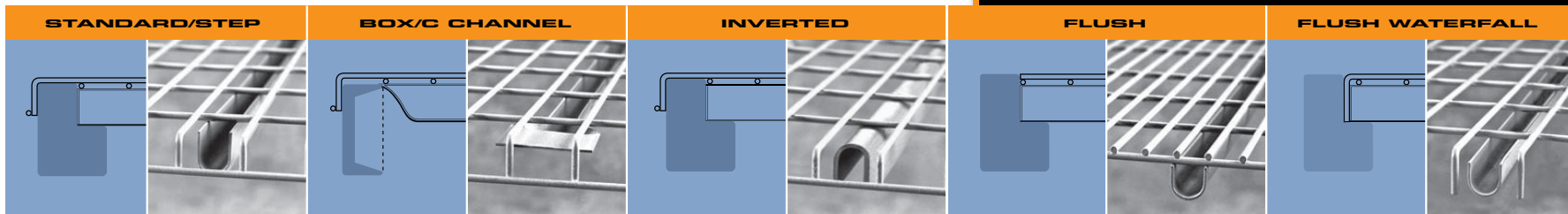
In some applications, the rear waterfall is turned up to be used as a stop. A deck can have the front waterfall down and the rear waterfall up.

FLUSH DECKS

Flush Decks can be made with an inside waterfall or a flat flush edge where the end wire comes to the inside edge of the beam. For all flush decks, the deck depth measurement again refers to the outside dimensions of the beams. For example, a 42" deep flush deck for a standard-style beam will only measure 38 1/4" deep. It should measure the same as the inside dimension of the beams less a quarter inch for installation. Flush decks are commonly used on lower levels for hand stacking and order picking applications.

QUESTIONS

800.567.6592



ITC produces various sizes, capacities and custom configurations to fit any rack specification.



All ITC products are manufactured in the U.S. - Assuring the highest quality standards available in the industry.

WIRE DECKING

HOW TO MEASURE

STOCK SIZES

36 x 46 - 3	44 x 46 - 3
36 x 52 - 3	44 x 52 - 3
36 x 58 - 3	44 x 58 - 3
42 x 46 - 3	48 x 46 - 3
42 x 52 - 3	48 x 52 - 4
42 x 58 - 3	48 x 58 - 4

Key measurements needed to properly fit deck to beam are:

- Outside dimension of beam
- Inside dimension of beam
- Top dimension of beam
- Step height of beam

WIDTH

96" - beams: order - (2) 46" wide decks
 108" - beams: order - (2) 52" wide decks
 120" - beams: order - (2) 58" wide decks
 132" - beams: order - (2) 46" wide decks
 (1) 34" wide deck
 144" - beams: order - (3) 46" wide decks

DEPTH

For standard waterfall style decks, the deck's depth measurement refers to the distance from the outside of the back beam to the outside of the front beam. The decks are actually made slightly larger than this to allow for easy installation and additional support.

Most standard decks are available in 1" x 4", 2" x 4" and 2 1/2" x 4 1/2" grid options.

Custom sizes and grid patterns are available. Please contact your ITC sales representative for more information.

NOTE

For other size beam widths, use the following rule: For beams 120" or less, divide the width by two and subtract 2" to get deck width.

For beams over 120", divide the width by three and subtract 2" to get deck width.

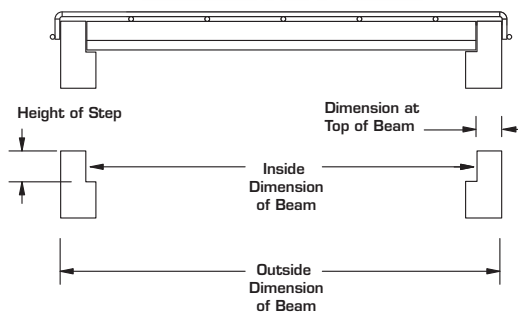
This creates a small gap between decks and on each end which allows for easy installation. Sometimes you may get by with a smaller gap in order to use standard deck sizes and save costs. For example, with a 106" beam, two standard 52" decks could be used with a tighter fit, rather than following the formula and having two custom-sized 51" decks made.

STOCK SIZES SHIP WITHIN 24 HOURS!

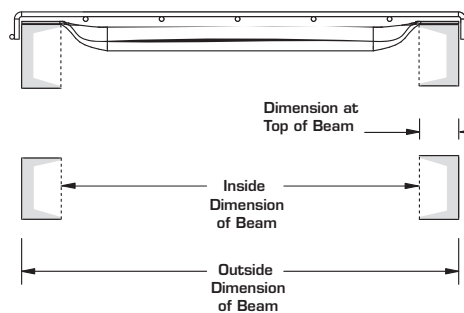
All ITC decks meet or exceed ANSI standards.

MEASURING YOUR RACK

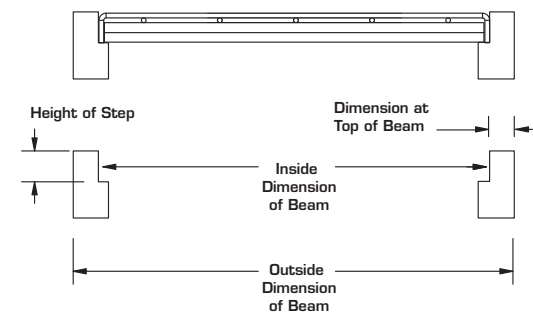
Standard/Step Decks



Box / C Channel Decks



Flush Decks



LIGHT DUTY DECKING

ITCMFG.COM

CONSIDER YOUR OPTIONS

ITC's light duty decking is a superior alternative for particleboard.



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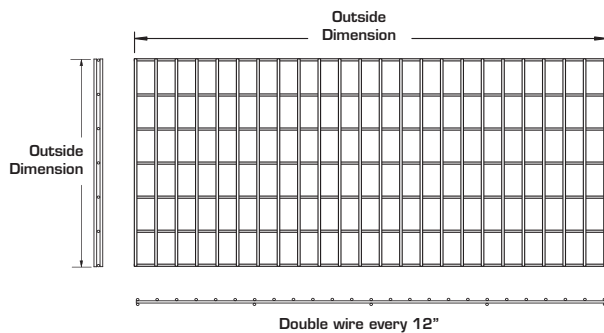
ITC's light duty decking is a superior replacement for particle board. With its 4 gauge wire construction and 2 X 4 grid pattern, it is stronger, safer and easily maintained. Light duty wire mesh decking from ITC can be used with all boltless, bulk and 'Z' beam style racks. Customized sizing is available for non-standard racking. For capacity purposes additional "sandwich" wires are placed every 12 inches for extra support and rigidity in the application. Flanged channels can also be added for applications requiring extra support.

As some racks may vary, please remember to measure inner dimensions of your rack for a perfect fit on custom shelving.

OPTION 1



OPTION 2



LIGHT DUTY



■ ADVANTAGES

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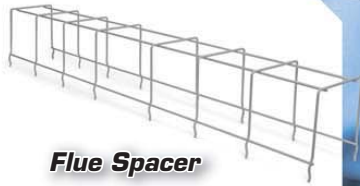
DIVIDERS



Product is easily separated with ITC's Standing and Hanging Dividers. They fit into rack bays securely and tightly whether your application calls for front to back or side to side separation.



Standing Divider



Flue Spacer

● ● ● ● ● HOW TO MEASURE

■ KEY DIMENSIONS

Hanging Dividers hook onto the decking above and fit securely into the decking in the rack below. They are easily installed and can be customized to fit any application.

Standing Dividers have dual attachment clips and tension wire to insure rigidity and a tight fit.

Flue Spacers accommodate fire codes and can be used as a backstop and a divider on the wire decks.

**Fire codes may vary by city and state.*

