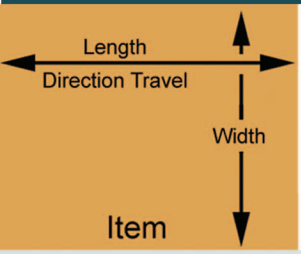
Please make copy and fill in requested application information on both pages.

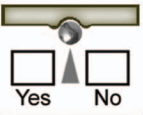


Item #	Direction of Travel Length	Width	Weight	Needs to orientate on Conveyor	Surface
1				Yes No	Yes No
2				Yes No	Yes No
3				Yes No	Yes No

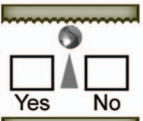
Item bottom surface is: Cardboard: ☐ Plastic: ☐ Metal: ☐ Plywood: ☐ If other please describe:

Please describe type of items handled: i.e. Electronic, Castings, Molds or Dies, Air Conditioners, etc.

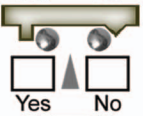
In assembly line applications, more important than ball transfer capacity is the ability of the bottom surface of an item to withstand point loading of the ball transfers. **Is the item bottom to be moved...**



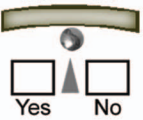
A) **Hard?**
Ball transfers are likely to indent soft bottoms and item will act as a brake.



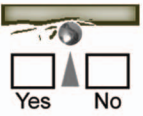
B) **Smooth?**
Rough bottoms are hard to move and may damage item and ball transfers.



C) **Flat with no protrusions?**
Protrusions interfere with movement and may damage ball transfers.

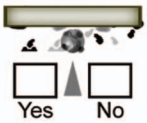


D) **Non Flexible?**
Ball transfers will bend bottoms, item will droop and sag between balls. It is difficult at best to move the items.

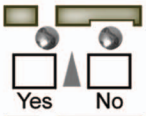


E) **Conveyable?**
Ball transfer point loading may break down bottom surface. Constant use, recirculating pallets need special consideration.

F) **Dry, No Water?**
Water rusts ball transfers. Rust is grit and will destroy ball transfers.

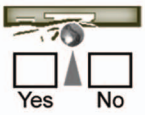


G) **Clean, no Dirt, grit or oil?**
Particulates accumulate, eventually jamming and wearing out bearings. Oils act as a magnet for dust, dirt and grit.

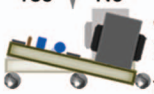


H) **Solid with no holes or voids?**
Ball transfers under holes or voids will not carry their share of the load.

▶ Generic spring loaded ball transfers and Omtec Pop Up Ball Transfers will raise into holes or voids and act as a detent.



I) **Free of Sub-Surface Voids?**
Ball transfers will break through the false bottom. Same problems as E) & H). Plywood pallets should be specified plugged, sanded, "no sub surface voids."



J) **Weight Evenly Distributed?**
Uneven distribution will cause item to tilt between ball transfers.

K) **Durable?** Metal balls may scuff, mar or otherwise ruin painted or special finishes, plastic balls need to be considered.

Virtually all assembly line ball transfer application challenges have solutions!
Put Omtec's field expertise, ingenuity and capability to work for you...

Complete info on opposite page - Use additional paper if needed - Fax to below...

Need more information or a dealer nearest you,
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