



P.R.C.

- Storage & Handling -

(CTI-TM-PRC-001_A02)



1.0 PACKAGING METHODS

- 1.1 TOUGHMESH CABLE TRAY STRAIGHT SECTIONS ARE TO BE STACKED INTO BUNDLES NOT TO EXCEED FOUR (4) FEET (1.2 METERS) IN HEIGHT OR 2,000 POUNDS (910 KILO GRAMS) NET WEIGHT.
- 1.2 TOUGHMESH CABLE TRAY STRAIGHT SECTION BUNDLES ARE TO BE SECURED WITH BANDING. BAND EVERY SIX (6) FEET (1.8 METERS) MINIMUM.
- 1.3 TOUGHMESH CABLE TRAY BUNDLES ARE TO BE SUPPORTED AT TWO (2) OPPOSITE ENDS WITH 2 X 2 INCHES (50 X 50 MILLIMETER) LUMBER (WOOD) BLOCKS WHERE BANDING IS LOCATED. THE BANDING IS TO PASS OVER THE BLOCKS.
- 1.4 TOUGHMESH CABLE TRAY BUNDLES MAY HAVE SMALL WIDTH TRAYS NESTED IN A BUNDLE WITH LARGER TRAY WIDTHS.
- 1.5 MULTIPLE TOUGHMESH CABLE TRAY BUNDLES CAN BE Banded TOGETHER TO FORM A MAXIMUM COMBINED WIDTH OF FOUR (4) FEET (1.2 METERS).
- 1.6 TOUGHMESH CABLE TRAY FITTINGS WILL BE PACKED EITHER LOOSE, PALLETIZED, OR BUNDLED, DEPENDING ON THE PHYSICAL CHARACTERISTIC OF THE ITEM AND ITS SUSCEPTIBILITY TO PACKAGING.
- 1.7 TOUGHMESH CABLE TRAY ACCESSORIES (SUCH AS BUT NOT LIMITED TO SPLICE PLATES, CLAMPS, BRACKETS, HARDWARE) ARE TO BE PACKAGED IN BOXES AND SHIPPED LOOSE OR THE BOXES PALLETIZED.
- 1.8 TOUGHMESH CABLE TRAY BUNDLES AND INDIVIDUAL PIECES ARE TO BE CLEARLY MARKED WITH THE NECESSARY SHIPPING AND HANDLING INFORMATION. CABLE TRAY AND ACCESSORIES WHEN LOADED INTO A SHIPPING CONTAINER SHALL HAVE SHIPPING AND HANDLING INFORMATION CLEARLY MARKED ON TWO (2) SIDES OF THE CONTAINER.
- 1.9 ALL TOUGHMESH CABLE TRAY LOADS ARE TO BE SECURELY ANCHORED OR STRAPPED TO TRUCK, STEEL CHAINS ARE NOT TO BE USED. TOUGHMESH CABLE TRAYS LOADED INTO A SHIPPING CONTAINER ARE TO BE STRAPPED, BLOCKED AND BRACED WITHIN THE SHIPPING CONTAINER.



2.0 HANDLING INSTRUCTIONS

- 2.1 TOUGHMESH CABLE TRAY STRAIGHT SECTIONS SHOULD BE UNLOADED AND HANDLED BY THE USE OF:
 - A. FORKLIFT TRUCK WITH CARE TO BE TAKEN THAT THE FORKS ARE WIDELY SPACED AND LIFT AT THE CENTRE POINT OF THE BUNDLE LENGTH. IT IS RECOMMENDED TO LIFT ONE (1) BUNDLE AT EACH TIME. FORKS MUST NOT PROTRUDE PAST ONE BUNDLE AND IMPINGE AN ADJOINING BUNDLE DURING LIFTING TO AVOID DAMAGE TO THE TRAY.
 - B. OVERHEAD CRANE. NYLON HOISTING SLINGS (LIFTING TACKLE) ONLY IS TO BE USED. NO CHAINS ARE TO BE USED. THE LIFTING SLINGS MUST COMPLETELY ENCIRCLE THE TOUGHMESH CABLE TRAY BUNDLE FROM THE BOTTOM. BALANCE AND LIFTING POINTS SHOULD BE TWO (2) FEET (0.6 METERS) FROM EACH END OF A TEN (10) FEET (3.0 METER) LENGTH BUNDLE.
- 2.2 TOUGHMESH CABLE TRAY FITTINGS SHOULD BE UNLOADED AND HANDLED BY HAND WHEN SHIPPED LOOSE (WHEN NOT PALLETIZED). WHEN SHIPPED PALLETIZED THE PALLET SHOULD BE UNLOADED AND HANDLED BY A FORKLIFT TRUCK.
- 2.3 TOUGHMESH CABLE TRAY ACCESSORIES SHIPPED BOXED LOOSE SHOULD BE UNLOADED BY HAND. TOUGHMESH CABLE TRAY ACCESSORIES SHIPPED CRATED OR PALLETIZED SHOULD BE UNLOADED AND HANDLED WITH A FORKLIFT TRUCK.
- 2.4 TOUGHMESH CABLE TRAY STRAIGHT SECTIONS AND FITTINGS MAY BE DAMAGED (BENDING AND/OR DEFORMATION OF TRAY ENDS) IF DROPPED OR MISHANDLED. BENDING CAN OCCUR IF LIFTED.
- 2.5 NO SPECIAL REQUIREMENTS NEED BE TAKEN DURING SHIPMENT AND HANDLING IN RESPECT TO CONTAMINATION.
- 2.6 GOOD CARE SHOULD BE TAKEN AT ALL TIMES DURING HANDLING OF THE TOUGHMESH CABLE TRAY THESE HANDLING INSTRUCTIONS SHALL BE FOLLOWED TO PREVENT DAMAGE TO THE CABLE TRAYS.



3.0 STORAGE INSTRUCTIONS

- 3.1 TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS-STEEL CABLE TRAY SHOULD IDEALLY BE STORED INDOORS UNDER COVER.
- 3.2 STORAGE STAIN (COMMONLY REFERED TO AS WHITE RUST) CAN OCCUR DURING CABLE TRAY STORAGE. PREVENTION MEASURES ARE TO FOLLOW THE RECOMMENDATIONS GIVEN WITHIN NEMA VE 2.
- 3.3 TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS-STEEL CABLE TRAY MATERIALS SHOULD BE STORED IN ACCORDANCE WITH THE STATED RECOMMENDATIONS GIVEN IN NEMA VE 2, OR STORED IN ACCORDANCE WITH ANSI 45.2.2:
 - A. LEVEL 'D' = STRAIGHT SECTIONS
 - B. LEVEL 'C' = ACCESSORIES
- 3.4 TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS-STEEL CABLE TRAY WHEN STORED OUTDOORS AND SUBJECT TO OUTDOOR ENVIRONMENTAL CONDITIONS MUST BE STORED IN ACCORDANCE WITH RECOMMENDATIONS GIVEN IN NEMA VE 2 OR BE STORED IN ACCORDANCE WITH ANSI 45.2.2, LEVEL D.
- 3.5 TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS-STEEL CABLE TRAY BUNDLES STORED OUTDOORS MUST NOT BE STACKED ON TOP OF ANOTHER BUNDLE. BUNDLES MUST BE STORED INDIVIDUALLY ON THE GROUND IN COMPLIANCE WITH SECTION 3.7 OF THESE INSTRUCTIONS.
- 3.6 TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS-STEEL CABLE TRAY STORED OUTDOORS IS TO BE COVERED WITH PLASTIC SHEETING (TARPAULIN) WHICH MUST ALLOW ADEQUATE DRAINAGE AND VENTILATION OF THE STORED MATERIALS.
- 3.7 PLEASE NOTE THAT ALL TOUGHMESH GALVANIZED, TOUGHGALV, PAINTED AND STAINLESS CABLE TRAY THAT IS NOT PALLETIZED OR BLOCKED ON LUMBER (WOOD), MUST BE STORED BLOCKED ON LUMBER (WOOD) FOR EASY HANDLING AND MOVING. STORAGE OF TOUGHMESH CABLE TRAY DIRECTLY ON THE GROUND WITHOUT BEING BLOCKED IS PROHIBITED.