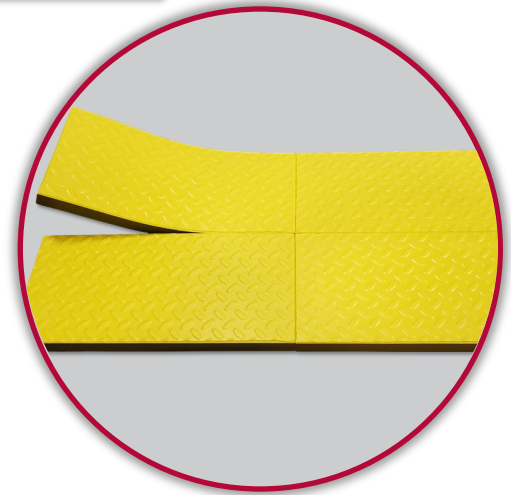
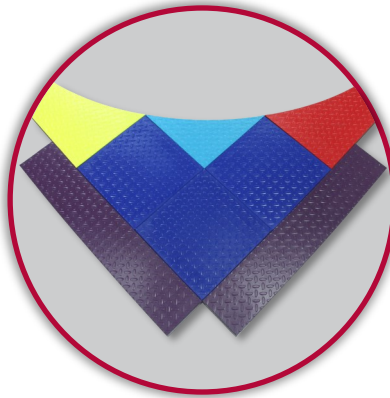
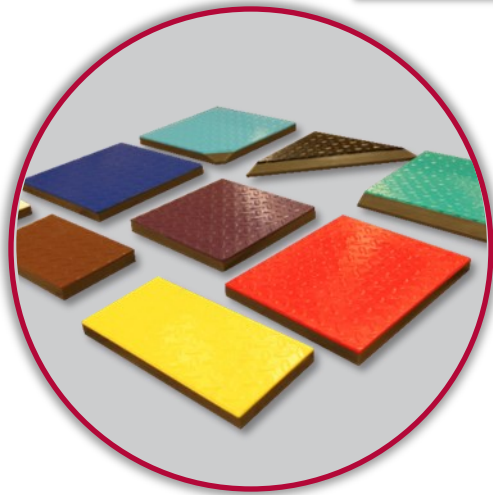
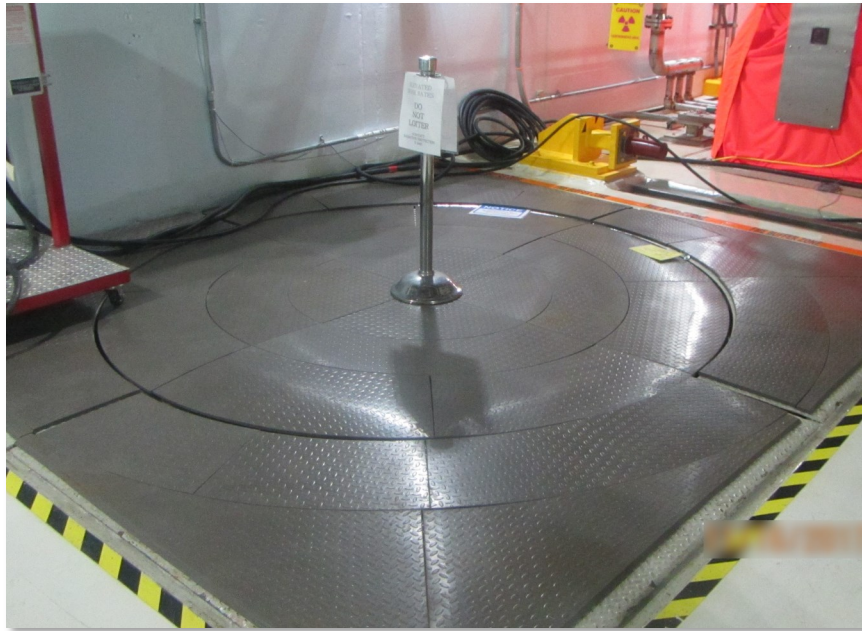


T-Flex[®] Floor Tiles



- T-Flex[®] Bismuth, Tungsten, or Iron
- Comfortable to walk on
- Slip-resistant tread
- Durable
- Fully customizable
- Variety of colors

Standard T-Flex[®] Floor Tiles

T-Flex [®] Bismuth Floor Tile, 10psf (5 g/cm ²), 12" x 24" x 0.42" Thick (305 x 610 x 11 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X24X42
T-Flex [®] Bismuth Floor Tile, 15psf (7.5 g/cm ²), 12" x 24" x 0.63" Thick (305 x 610 x 16 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X24X63
T-Flex [®] Bismuth Floor Tile, 20psf (10.0 g/cm ²), 12" x 24" x 0.83" Thick (305 x 610 x 21 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X24X83
T-Flex [®] Bismuth Floor Tile, 10psf (5 g/cm ²), 12" x 12" x 0.42" Thick (305 x 610 x 11 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X12X42
T-Flex [®] Bismuth Floor Tile, 15psf (7.5 g/cm ²), 12" x 12" x 0.63" Thick (305 x 610 x 63 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X12X63
T-Flex [®] Bismuth Floor Tile, 20psf (10.0 g/cm ²), 12" x 12" x 0.83" Thick (305 x 610 x 21 mm), 1/8" (3 mm) Yellow Tread Layer	T83SLBYT12X12X83

Technical Specifications

Designed to provide economical and ergonomic solutions for shielding sources from below. Each tile combines the attenuation properties of T-Flex® with the durability of a work mat. They also can be cut and trimmed for in field adjustments. The floor shielding features a non-slip diamond tread surface.

T-Flex® floor tiles are perfect for bridges and platforms. In addition to the standard sizes available on the reverse side of this page, floor tiles can be made to custom fit any floor geometry while complying with weight limitations. NPO offers a variety of colors to help identify different pieces in a custom package.

Below are the technical specifications which apply to all T-Flex® products.

SPECIFICATIONS	
MATERIAL:	METAL IMPREGNATED POLYMER (TUNGSTEN, BISMUTH, IRON, BORON, BISMUTH/BORON BLEND)
SAFETY:	REFER TO SDS (SEPARATE DOCUMENT)
SITE PREPARATION:	ENSURE SURFACE IS FREE OF PROTRUSION OR SHARP AREAS. CONSIDER ALL INSTALLATION CONDITIONS
USAGE:	SECURE TO SURFACE VIA MAGNETS, STRAPS, OR OTHER SPECIFIED DEVICES
GENERAL CONDITION:	FLEXIBLE WITH NO SIGNS OF CRACKING OR BRITTLINESS, DARK GREY IN COLOR (OPTIONAL: COLORED OUTER LAYER)
HANDLING:	USING PRIOR TRAINING OR A MOCK UP DEMONSTRATION IS RECOMMENDED BEFORE INSTALLATION
PHYSICAL PROPERTIES:	<ul style="list-style-type: none"> TENSILE: 320 psi (22 Bar) ELONGATION: 158% TEAR: 34.5 lbf/in (390 N/cm) DUROMETER: 46
MATERIAL DENSITY:	<ul style="list-style-type: none"> T-FLEX TUNGSTEN: 0.25 lb/in³ (6.9 g/cm³) T-FLEX BISMUTH: 0.16 lb/in³ (4.3 g/cm³) T-FLEX BORON: 0.045 lb/in³ (1.245 g/cm³) T-FLEX NEUTRON (BORON/BISMUTH BLEND): 0.093 lb/in³ (2.57 g/cm³)
THERMAL PROPERTIES:	<ul style="list-style-type: none"> CONTINUOUS Operating Temperature (REGULAR): 350°F (177°C) CONTINUOUS Operating Temperature (HIGH TEMP): 400°F (205°C) Maximum Temperature: 450°F (232°C) ASTM E-84: CLASS A NFPA 701-2010: PASS
RAD STABILITY:	<ul style="list-style-type: none"> incipient to mild damage (25% damage) up to over 10E8 rads (1000 kGy) (PER NASA SP-8053)
BORIC ACID SUBMERSION:	<ul style="list-style-type: none"> AFTER 96 HOURS: NO NOTICEABLE DEGREDDATION OF THE T-FLEX ICP-OES ANALYSIS DID SHOW MEASURABLE AMOUNTS OF LEACHED TUNGSTEN IN BORIC ACID SOLUTION
LEACHABLES TEST:	<ul style="list-style-type: none"> ASTM D4327-03: ACCEPTABLE ASTM D1976-07: ACCEPTABLE