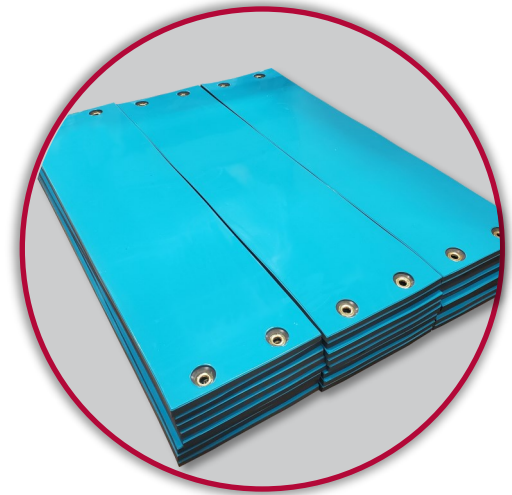


T-Flex[®] Blankets



- Non-lead alternative to lead wool blankets
- T-Flex Bismuth or Tungsten
- Extremely flexible
- Easy to install
- 350°F (177°C) operating temp
- ATSM E-84 Class A
- +200 lb (90kg) grommet strength

Standard T-Flex [®] Blankets	
NPO 1' X 3' (305 X 610 mm) T-Flex [®] Bismuth Blanket 10 lb per square foot density (5 g/cm ²), Corner Grommets Only, 6 Inch (152 mm) Grommet Spacing. Approximate Weight: 30 lb (14 kg)	T83BLKT12X36X42
NPO 1' X 3' (305 X 610 mm) T-Flex [®] Bismuth Blanket 15 lb per square foot density (10 g/cm ²), Corner Grommets Only, 6 Inch 152 mm) Grommet Spacing. Approximate Weight: 45 lb (20 kg)	T83BLKT12X36X63
NPO 1' X 4' (305 X 1220 mm) T-Flex [®] Bismuth Blanket 10 lb per square foot density (5 g/cm ²). Corner Grommets Only, 6 Inch 152 mm) Grommet Spacing. Approximate Weight: 40 lb (20 kg)	T83BLKT12X48X42
NPO 1' X 4' (305 X 1220 mm) T-Flex [®] Bismuth Blanket 15 lb per square foot density (10 g/cm ²), Corner Grommets Only, 6 Inch (152 mm) Grommet Spacing. Approximate Weight: 60 lb (41 kg)	T83BLKT12X48X63

Technical Specifications

NPO's T-Flex® blankets are highly flexible non-lead shielding blankets with grommets located at the corners. These blankets come in the standard sizes shown in the table on the reverse side of this page. They have an ASTM E-84 Class A fire rating.

T-Flex® blankets are more flexible and versatile than their lead counter parts, making them perfect for wrapping around a pipe, hanging from a rack or scaffolding. The reverse side of this page shows the blanket sizes kept in stock. Custom sizes are available upon request both in bismuth and/or tungsten.

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:	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