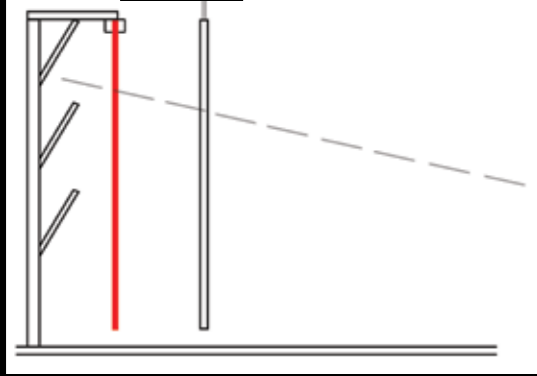


The below configuration shows a typical installation and range profile, although many different designs are used in today's shooting ranges. For further advice on installation or layout recommendation please contact our technical department.

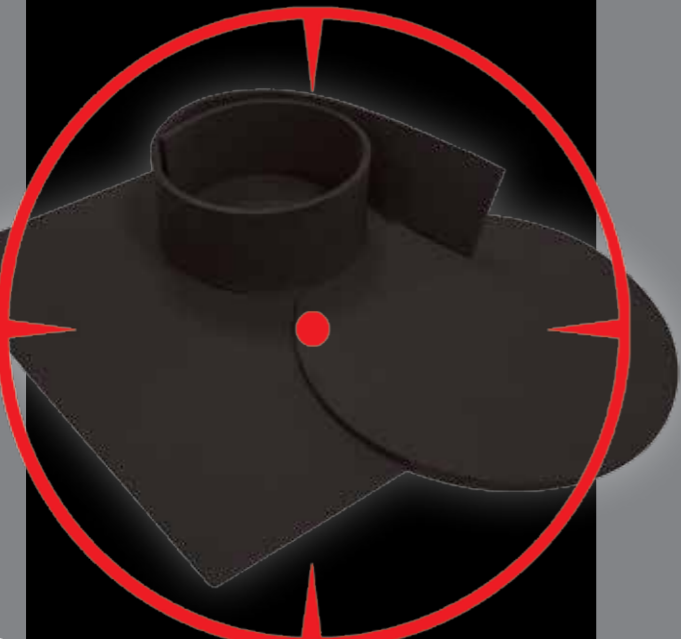


Deflectors
Geoflex Red TB
Target
Fire Line

Safety Warning

- Never secure the bottom of the Geoflex Red TB sheet. The sheet must hang free at all times.
- Never use air rifles or low powered ammunition.
- Never use hollow point bullets without first contacting our technical department for target backing configuration.
- Always hang Geoflex Red TB sheets continuously behind all adjacent targets with a suitable overlap no less than 150mm or 6".
- This product is heavy. Suitable mechanical lifting equipment must always be used.
- Geoflex Red TB greatly reduces but does not totally eliminate the chance of being hit by flying fragments. Always exercise extreme caution when at a shooting range.
- This material is not flame or smoke retardant. Do not expose to a naked flame.

Available in 'ozone resistant' grey



Tiflex

a member of the
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Group

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Geoflex



Target Backing

Tiflex

Geoflex Red TB has been developed from a natural rubber compound that affords a 'self-healing' property when penetrated by a bullet. Leaving only the smallest pinhole witness after the bullet has travelled through the curtain. Geoflex Red TB takes care of downrange back splatter, eliminates the risk of bullet ricochet and reduces airborne lead dust- all of which incorporate to offer a safer, cleaner shooting range.



Supply Details

- Available in various sizes and configurations. Common standards are roll format.
 - 10m x 1.0m x 6mm (metric)
 - 10m x 1.3m x 1.5mm (metric)
 - 40' x 4.2' x 1/4" (imperial)
 - 40' x 4.2' x 1/16" (imperial)
- Alternate sizes are available on request.
- Typical 6mm section weighs 6.2kg/sq m and as such roof or beam structures should be designed to handle these weight ratios.
- Cloth/cloth surface finish.
- Red TB is the industry standard. Grey TB is our ozone resistant version and White TB is available for visibility with video or image projection.
- Tiflex can supply prefabricated and/or custom designed solutions for today's shooting range.
- A patch repair system is available with installation and bonding details. Please contact our technical department.
- Patches of various size can be bonded to an existing curtain. For best results, etch both surfaces with Geoflex Etch and bond applying Geoflex Contact Adhesive, following instructions on the packaging. Allow to cure and re-hang.

Features & Benefits

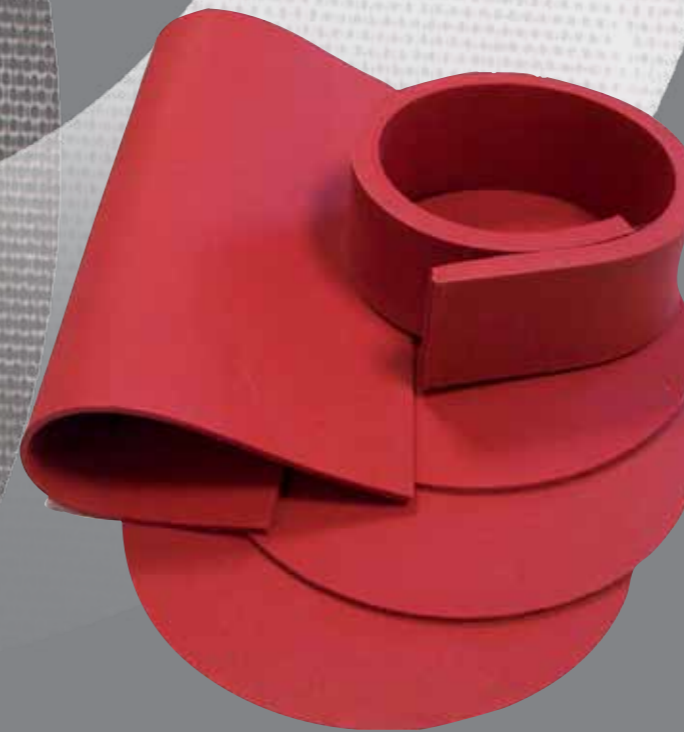
- Self-healing significantly reduces the risk of back splatter.
- Natural acoustic damping reduces downrange noise levels.
- Available in Grey 'ozone resistant' version suitable for extended outdoor use where video or slide simulators are used.
- Cost effective solution able to withstand extensive use before patching or replacement is required.
- Simple installation with an easy patch/repair system. Easy to rotate or move to another firing position for further extended product life.
- Clean and tidy as Geoflex Red TB will not disintegrate.
- Price and lead times are available on request for white or other non-standard colours.
- Thin section Geoflex Red TB in front of the main target backing allows hollow point bullets to be used. Seek advice from Tiflex Limited technical department on configuration.

Common Ammunition Types

- .22 calibre
- .303 calibre
- .38 wad cutter
- .357 calibre magnum
- .44 calibre magnum
- .45 automatic
- 6.8mm
- 9mm

Property	Test Method	Typical Results
Polymer	100% Pure Natural Rubber with 5% by Volume Vulcanizing and Anti-Degrading Agents.	
Hardness	ISO 48 1979	38-43° IRHD
Tensile Strength	ISO 37 1994	15-25 MPa
Elongation at Break	ISO 37 1994	600%-800%
Tension Set	ISO 2285	Typical Value 7%

The standard product is Red TB, however alternative colour options are available. Grey TB has increased ozone protection, and White TB is ideal for added visibility when projecting image with cameras or video.



Installation Details

There are many methods of installation, however we recommend the following:

- Always hang so the long length falls vertically.
- Bond a Nylon cloth strip either side of the top edge using a standard contact adhesive. Advice on recommended adhesives can be provided through our technical department.
- 150mm or 6" from the edge of the sheet insert steel eyelets every 150mm or 6" through the Geoflex Red TB and Nylon cloth sections. Recommended eyelet size 6mm or 1/4" diameter.
- Mount a series of steel hooks onto a suitable weight bearing beam or roof truss at the same pitch as the eyelets are positioned on the Geoflex Red TB sheet.
- Hang the target backing curtain from the steel hooks.
- The bottom of the sheet should always hang free- locating both ends of the sheet should be avoided in all instances.
- Allow the sheet to hang above the floor to assist in air flow. An air gap above the sheet will also aid the reduction in airborne lead dust particulate.
- The above installation reduces the risk of the possibility of the rubber splitting at the point of suspension. Other installations such as stapling, adhesive bonding and screw or bolt mechanical fixing can be employed- please seek advice from our technical department.

For further advice please contact our technical department.