



# DETAIL SPECIFICATIONS

## Sof'Shield Mat

Thermoplastic Elastomer (TPE) compound naturally antimicrobial and formulated with UV stabilizers.

Size	1' x 2'
Thickness	5/8"
Weight	4 lbs/mat
Connection	Interlocking
Material type	TPE
Tensile Strength	1434 PSI
Melt Temp	340 F - 350 F
Brittleness Temp	-44 C
Shore A Hardness	85
Specific Gravity	1.19
Ultimate Elongation%	594
UV Protection	Yes
Antifungal	Yes
Warranty	6 Years

## Sof'Bond Adhesive

CA Plus Cyanoacrylate formulated specifically for Sof'Shield to provide superior bond strength.

### Uncured Properties:

Base Compound	Cyanoacrylate
Appearance	Colorless Liquid
Viscosity @ 20 C	45
Flash Point (TCC)	182 F
Density	1.05 to 1.09
Soluble in	Nitro Methane
Military Spec/Class	Type II/3

### Cured Properties:

Softening Range	283 F to 293 F
Melting Point	347 F to 365 F
Shore A Hardness	85
Fixture Time (sec)	<8
Tensile/Shear	2800 - 4200 PSI
Gap Fill	.001
Temp Range	-65 F to +200 F

## Edge Ramp

Thermoplastic Elastomer (TPE) compound naturally antimicrobial and formulated with UV stabilizers.

Size	2' x 2.625"
Thickness	1/12 slope
Weight	0.75 lbs/mat
Connection	Overlapping
Material type	TPE
Tensile Strength	1434 PSI
Melt Temp	340 F - 350 F
Brittleness Temp	-44 C
Shore A Hardness	85
Specific Gravity	1.19
Ultimate Elongation%	594
UV Protection	Yes
Antifungal	Yes
Warranty	6 Years

## Sof'Impact Foam

Post industrial crosslink, closed cell Polyethylene polyolefin foam waste.

Size	4' x 4'
Thickness	Fall Height Dependent (1 1/2" to 6")
Weight	5 - 7 lbs/cu ft
Material type	Recycled closed cell Polyethylene
Tensile Strength	34 - 36 PSI
Melt Temp	110 C - 150 C
Flash Point	420 C - 440 C

Inert material, not effected by water or soil exposure; resistant to mold, fungus and most chemicals, including petroleum products

## Sof'Channel

Thermoplastic Elastomer (TPE) compound naturally antimicrobial and formulated with UV stabilizers.

Tensile Strength	1434 PSI
Material type	TPE
Temp Range	-12 to 330 F
Shore A Hardness	85
Specific Gravity	1.19
Ultimate Elongation%	594
Flammability	Passed
Warranty	6 Years

## Geo-Textile Fabric

Spun bond polyester material

Size	3', 4', 6' wide rolls
Thickness	19 mills
Weight	3 oz.
Permeability	100 gal/min <sup>2</sup>
Tear Strength	40/40 lbs
Tensile Strength	77/75 lbs