



DETAIL SPECIFICATIONS

Sof'Shield Mat

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

Size	2' x 2'
Thickness	3/4"
Weight	5.9 lbs/mat
Connection	Overlapping/ 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 5"
Thickness	1/12 slope
Weight	1.4 lbs/mat
Connection	Overlapping/ 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'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 ²
Tear Strength	40/40 lbs
Tensile Strength	77/75 lbs