



product specifications

comfort step 42

| PRODUCT COMPOSITION | STANDARD/NORMS | DATA |
|-----------------------|----------------|---|
| Manufacturing Process | ISO 9001:2000 | Closed-cell chemically-expanded foam with abrasion-resistant surface skin |
| Surface Aspect | | Standard Rib Emboss or Pebble Emboss |
| Material | | 100% Closed-Cell PVC |

| PRODUCT DIMENSIONS | | |
|--------------------|--|---------------------------|
| Gauge | | 3/8" (9.5mm) |
| Weight | | ≈80 oz/yd ² |
| Overall Density | | ≈18.5 lbs/ft ³ |

| TECHNICAL SPECIFICATIONS | | |
|--------------------------------|----------------------|--|
| Tensile Strength | ASTM D638-90 Die 'C' | 125 lbs/in ² |
| Tear Strength | ASTM D1004-90 | 40 lbs/in ² |
| Elongation | ASTM D638-90 | 140% |
| Taber Abrasion | ASTM D3884 | 750 cycles, 1000g load, H-18 Wheel "End Point" |
| Hardness | ASTM D2240-86 | 45 +/- 5 (Shore '00') |
| Compression-Deflection | ASTM D1667 | 25% at 6.8 PSI, 50% at 19.4 PSI |
| Static Coefficient of Friction | ASTM C1028 | Dry: 0.9160 Wet: 0.9585 |

| FLAMMABILITY | | |
|------------------|-------------|------|
| Flame Resistance | FMVSS 302 | Pass |
| | CPSC FF-170 | Pass |

| CHEMICAL RESISTANCE | | |
|--|---|---------------------------------|
| Acetic Acid: Negligible Effect | Acetone: Not Recommended | Animal Fats: Negligible Effect |
| Brake Fluid: Negligible Effect | Butyl Alcohol: Moderate Effect | Chlorine (wet): Moderate Effect |
| Cutting Fluid (water based): Negligible Effect | Cutting Fluid (soluble oils): Moderate Effect | Diesel Fuel: Negligible Effect |
| Gasoline: No Effect | Mineral Oil: Negligible Effect | Nitric Acid: No Effect |
| Sodium Hydroxide: Negligible Effect | Sulfuric Acid: No Effect | Toluene: Negligible Effect |
| Transmission Fluid: Negligible Effect | Trichloroethane: Moderate Effect | Vegetable Oil: No Effect |