

TECHNICAL DATA SHEET (effective 12FEB20)

Armacell (EnsoLite[®]) IV1 Continuous Rolls/Sheets

Polymer: NBR/PVC/CR

| Physical Property | Test Method | Unit | Requirement |
|--|---------------------------------------|---|------------------------------|
| ASTM D 1056 Designation | --- | --- | 2A1 / 2C1 |
| Change in Compression Deflection | ASTM D 1056 | % | ±30 |
| Color | --- | --- | Black |
| Compression Deflection 25% | ASTM D 1056 | psi kPa | 2.0 - 5.0 13.8 - 34.5 |
| Compression Deflection 50% 60 sec hold | ISO 3386 - 1 | psi kPa | 6.96 - 14.06 48.01 - 97.0 |
| Compression Set (Room temp) | ASTM D 1056 | % | 40 max |
| Density | ASTM D 1056 | lb/ft ³ kg/m ³ | 3.0 - 5.0 48.1 - 80.1 |
| Elongation | ASTM D 412 Die A | % | 100 min |
| Fluid Immersion | ASTM D 1056 Reference Fuel B | % | 250 max |
| Hardness, Durometer Shore 00 | ASTM D 2240 | --- | 30 - 50 |
| Shrinkage (length & width) 40 min @ 212°F (100°C) | Armacell LLC LABTST17 MRCS 01-1995 | % | 10 max |
| Shrinkage (length & width) 7 days @ 158°F (70°C) | Armacell LLC LABTST17 MRCS 01-1995 | % | 10 max |
| Tear Strength | ASTM D 624 Die C | lb/in kN/m | 9 min 1.58 min |
| Tensile Strength | ASTM D 412 Die A | psi kPa | 50 min 344 min |
| Water Absorption | ASTM D 1056 | % | 5 max |

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the Armacell General Terms and Conditions of Sale applicable in the region. Please request a copy if you have not received these.

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For more information:
www.armacell.us
info.cf.us@armacell.com
 800-973-0490