

POLYSHIELD HT™ 100F

Chemical Resistant Fast Set Polyurea Elastomers

| | Material Tested | 24 hour Weight Gain % | 72 hour Weight Gain % | 7 day Weight Gain % | Recommended Clean Up Window |
|---------------------|--|-----------------------|-----------------------|---------------------|-----------------------------|
| Acids | Acetic Acid 40% | 30.00% | | | |
| | Hydrochloric Acid 24% | 0.64% | 0.96% | 1.02% | 7 days |
| | Phosphoric Acid 50% | 0.95% | 2.15% | 3.10% | 7 days |
| | Sulfuric Acid 50% | 8.60% | 16.50% | 23.15% | |
| Hydrocarbons | Crude Oil | 1.50% | 2.35% | 4.00% | 7 days |
| | Diesel | 1.25% | 2.69% | 3.44% | 7 days |
| | Ethanol | 27.20% | 31.20% | 36.90% | |
| | Gasoline | 18.50% | 20.50% | 22.05% | 72 hours |
| | Jet Fuel | 1.73% | 3.34% | 4.99% | 72 hours |
| | Methanol | 31.15% | 32.10% | | |
| | Aviation Hydrolic Fluid (Skydrol) | 19.90 % | 32.25% | 36.65% | |
| Other | Mineral Oil | 0.13% | 0.18% | 0.26% | 7 days |
| | Sodium Hydroxide 50% | 0.00% | 0.09% | 0.15% | 7 days |
| | Water | 1.05% | 1.15% | 1.20% | N/A |

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|---|--------------------|--|--|------------------------|
| Immersion tests were performed at approximately 77°F (25°C) unless otherwise noted. | Color Code: | Recommended for Immersion and/or Splash & Spillage Conditions | Occasional & Intermittent Contact | Not Recommended |
|---|--------------------|--|--|------------------------|

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| Note: Test results are based on one side of the coating being exposed. | Specialty Products, Inc. 800-627-0773 www.specialty-products.com |
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