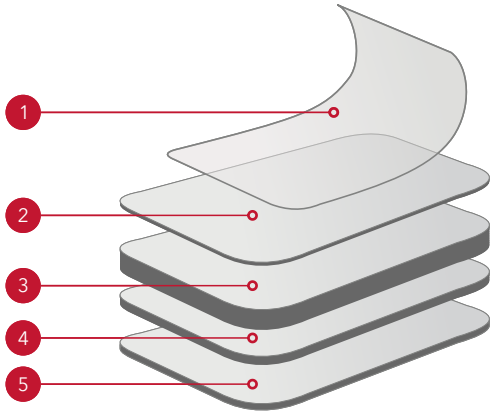
# LITZ ULTRA HARD

Transparent, glossy polyurethane film for protecting paint and other surfaces from chips and scratches.
Suitable for both exterior and interior use.

:Litz
**Created by**
INSTALLERS, FOR INSTALLERS

## Film structure

| | | |
|---|---|---|
| | Total film thickness | 192,2 Micron |
| 1 | Transport liner | 50.8 Micron |
| 2 | Top polyurethane layer | 11.7 Micron |
| 3 | Base polyurethane layer | 152.4 Micron |
| 4 | Adhesive layer | 28.1 Micron |
| 5 | Liner | 88.9 Micron |




| INSPECTION ITEMS | TEST METHOD | STANDARD | VALUE |
|---|---|---|---|
| Color | Visual inspection | Transparent | Transparent |
| Film surface type | Visual inspection | Glossy | Glossy |
| Self-healing | Copper brush 10 times, 1 min in hot water (50–70°C) | 100% | 100% |
| Film peel resistance (after 20 minutes) | GB/T 2792 | >2,32 H/см | 6,28 H/см |
| Film peel resistance (after 24 hours) | GB/T 2792 | >2,32 H/см | 7,38 H/см |
| Stretchability at break of the top layer | GB/T 1040.1 | >80% | 110% |
| Stretchability at break of the film | GB/T 1040.1 | >300% | 344,60% |
| Tear resistance (whole film) | GB/T 1040.1 | >15 Mpa | 24,6 Mpa |
| Force for double elongation | GB/T 1040.1 | >6 Mpa | 8,7 Mpa |
| Operating temperature range | | | -30C ~ +80C |
| Warranty (delamination, yellowing, hazing) | | | 10 years |

All statements, technical information, and recommendations contained in this document are based on tests that :Litz considers reliable. However, :Litz does not guarantee the accuracy or completeness of this information.