

ITOGUARD NFC90 is a PFC free water repellent finish based on botanical extracts.

PROPERTIES

- **Appearance** : White liquid
- **Main Component** : Hydrocarbon based polymer
- **Ionic Nature** : Weakly Cationic
- **Solids Content** : 28%
- **pH** : 3 - 5
- **Solvent** : 8% (Glycol based)
- **Storage** : Store between 5 and 30°C

APPLICATION

In Padding (Synthetic):

- **ITOGUARD NFC90** : 10-60 g/l
- **ITORESIN M3** : 3g/l
- **ITOCATALYST ACX** : 1g/l
- **Drying** : 100-120°C for 1 minute
- **Curing** : 180°C for 1 minute

In Padding (Cellulosic):

- **ITOGUARD NFC90** : 10-60 g/l
- **ITOXLINKER LJ10** : 10g/l
- **Drying** : 100-120°C for 1 minute
- **Curing** : 160°C for 1 minute

CHARACTERISTICS

1. Imparts excellent water repellence to treated fabrics.
2. PFC free
3. Main component is Hydrocarbon based polymer that is extracted from botanical origins so is ecological and safe.
4. Suitable for various fabric types.

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

MAGNACOLOURS[®]
IMAGINATION INK™



MagnaColours Limited
Upper Cliffe Road,
Dodworth Business Park,
Barnsley, S75 3SP, UK

T: 00 44 (0) 1226 731751
F: 00 44 (0) 1226 731752
E: info@magnacolours.com
www.magnacolours.com

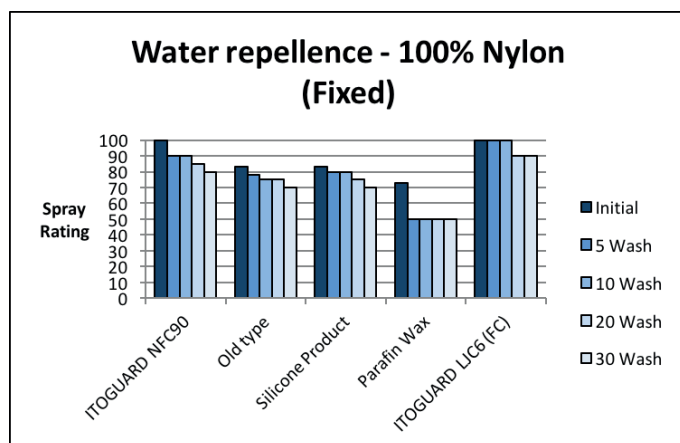
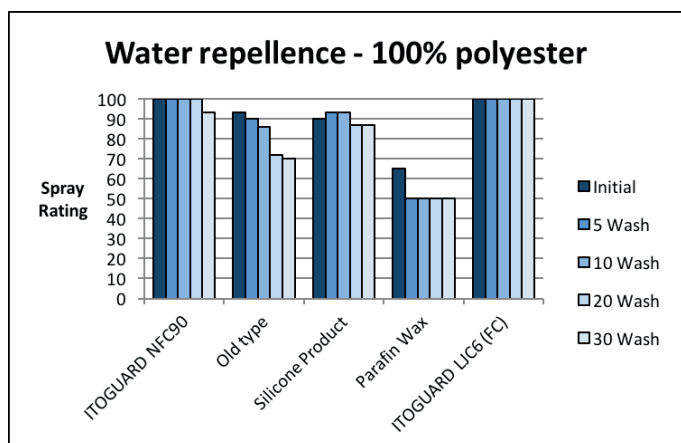
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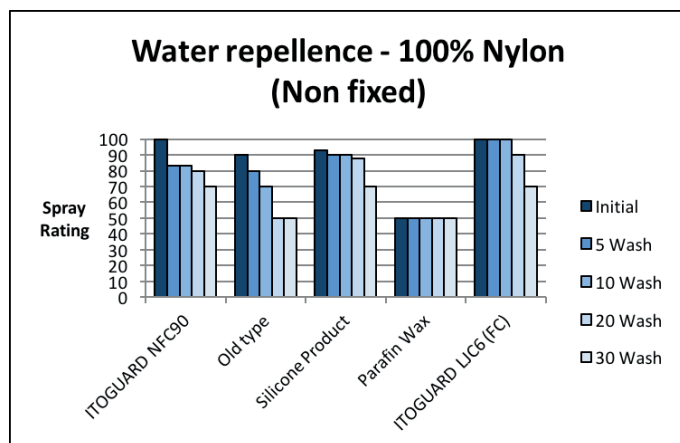
APPENDIX

- **Fabric** : 100% Polyester (Woven)
- **Pickup** : 60%
- **Recipe** : 40g/l Water repellent, 3g/l ITORESIN M3, 1g/l ITOCATALYST ACX
- **Dry** : 120°C
- **Cure** : 180°C

- **Fabric** : 100% Nylon (Woven) (Fixed fabric)
- **Pickup** : 60%
- **Recipe** : 40g/l Water repellent, 3g/l ITORESIN M3, 1g/l ITOCATALYST ACX
- **Dry** : 120°C
- **Cure** : 160°C



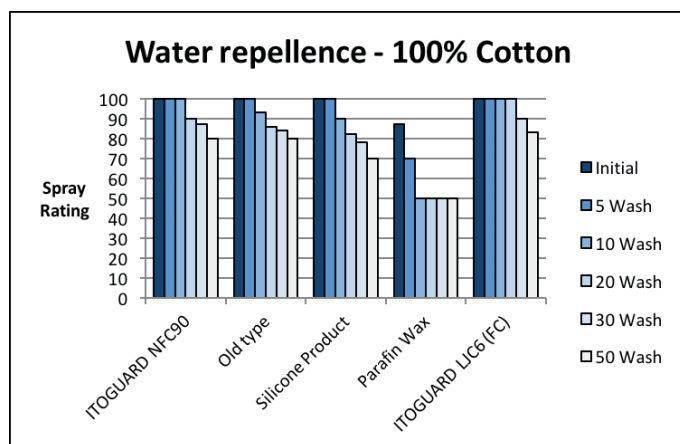
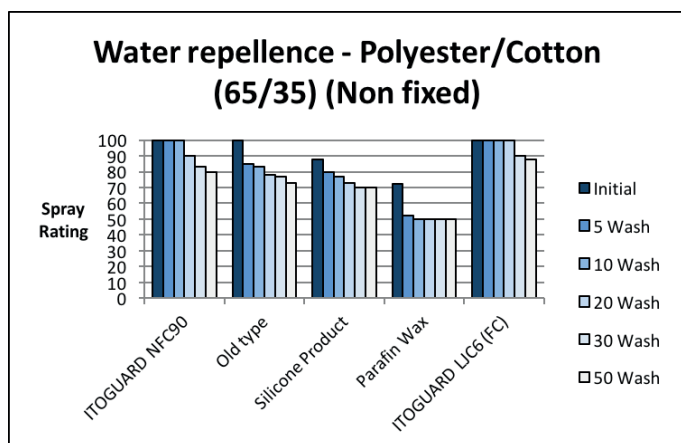
- **Fabric** : 100% Nylon (Woven) (Non-fixed fabric)
- **Pickup** : 40%
- **Recipe** : 40g/l Water repellent, 3g/l ITORESIN M3, 1g/l ITOCATALYST ACX
- **Dry** : 120°C
- **Cure** : 160°C



APPENDIX

- **Fabric :** Polyester/Cotton (65/35) broad cloth (Non-fixed fabric)
- **Pickup :** 740%
- **Recipe :** 40g/l Water repellent, 10g/l ITOXLINKER LJ10
- **Dry :** 120°C

- **Fabric :** 100% cotton broad cloth
- **Pickup :** 60%
- **Recipe :** 40g/l Water repellent, 10g/l ITOXLINKER LJ10
- **Dry :** 120°C



- **Cure :** 160°C

- **Cure :** 160°C