

# **NEXTEL®**

## **Suede-Coating 3101**

Data sheet: **428**

Technical info:

Gen. techn. info:

### **1. Introduction/Characteristics**

NEXTEL-Suede-Coating 3101 is a two-component-material, producing a mat, suede-like finish and giving a warm textile feeling ("softlook" / "soft-feeling"). Due to diffuse reflexion the cured surface is absolutely non-glare.

The cured film is extremely robust and offers a degree of elasticity, in combination with high scratch and abrasion resistances, as yet unobtainable with conventional coatings.

Excellent technological stability and non-glare properties facilitate the application of NEXTEL-Suede-Coating 3101 to obtain mat surfaces for decorative as well as purely functional reasons.

NEXTEL-Suede-Coating 3101 was previously manufactured and marketed by 3M Deutschland GmbH.

### **2. Range of Application**

Due to its decorative character and extensive colour range NEXTEL is suitable for high-quality utility goods: car and aircraft interiors, furniture, interiors of shops and exhibition halls, lighting, office machines, computer and audio units, optical instruments, switch-panels, upgrading of plastic surfaces.

The non-glare properties of NEXTEL-Suede-Coating 3101 make it particularly suitable for functional finishes, e. g. anti-glare instrument faces, gauges, switch panels etc.

### **3. Colour**

See NEXTEL-Standard-Colour card  
Due to the character of NEXTEL-Suede-Coating 3101, there may be colour deviations from batch to batch.

### **4. Gloss**

extremely mat

### **5. Coverage**

approx. 5 m<sup>2</sup> / l at a dry film thickness of 60 µm

### **6. Substrate Pretreatment**

NEXTEL-Suede-Coating 3101 should always be applied onto the suitably coloured NEXTEL-Primer.

Due to the variety of plastics combined with numerous application methods tests must be carried out before start of mass production in order to check the substrate's surface and technological properties. Tests must also be carried out regarding the thinner to be used.

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<b>7. Trade names</b>	Base Material Hardener Thinner	NEXTEL-Suede-Coating 3101 NEXTEL-Härter 6018 NEXTEL-Verdünner 8061 NEXTEL-Verdünner 901-68 NEXTEL-Verdünner 901-07
<b>8. Mixing ratio</b>	8 parts by weight / volume 1 part by weight / volume	NEXTEL-Suede-Coating 3101 NEXTEL-Härter 6018
<b>9. Application</b>	Compressed air spraying Efflux time (DIN 53211) Nozzle size Pressure	10 - 15 % thinner 45 -60 seconds 1,5 - 1,8 mm 3,0 - 4,0 bar
During processing and curing a minimum temperature of 18° C and a relative humidity of below 50 % is required. For large areas use of "longer" thinners, e.g. 901-68 or 901-07, is recommended.		
<b>10. Pot life</b>	Room temperature	4 - 6 hours
<b>11. Drying</b>	Room temperature	dust-dry : 15 - 30 minutes touch-dry : 2 - 3 hours hard-dry : 16 hours
	Oven drying	15 - 40 minutes flash-off, 60 minutes at 60° C or 30 minutes at 80° C or 20 minutes at 100 to 110° C
<b>12. Packaging</b>	NEXTEL-Suede-Coating 3101 including NEXTEL-Härter 6018 NEXTEL-Verdünner 8061 NEXTEL-Verdünner 901-68 NEXTEL-Verdünner 901-07	1 l, 5 l, 20 l net 1 l, 5 l, 20 l net 5 l, 20 l net 5 l, 20 l net