



## G 1503 / Oxcel HT

**A new sewing thread in polyamide 4.6 for sewing airbags**



When airbags are activated, high temperatures occur for a short period which can cause seams to melt and this creates a safety risk. Sewing your airbags with Gütermann G 1503/Oxcel HT in polyamide 4.6, you are using a modern thread which, should the worst happen, gives greater protection to car occupants.

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# Gütermann

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A new sewing thread in polyamide 4.6 for sewing airbags

|                                                                              | G 1503 Oxcel HT bonded                                                                                                                                                                                                                                                                                                                                                                            | G 1503 Oxcel HT unbonded      |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>Technical properties</b>                                                  |                                                                                                                                                                                                                                                                                                                                                                                                   |                               |
| Raw material                                                                 | Polyamide 4.6                                                                                                                                                                                                                                                                                                                                                                                     | Polyamide 4.6                 |
| Construction                                                                 | continuous filament, bonded                                                                                                                                                                                                                                                                                                                                                                       | continuous filament, unbonded |
| Count                                                                        | $\bar{x}$ = 1.860 dtex                                                                                                                                                                                                                                                                                                                                                                            | $\bar{x}$ = 1.700 dtex        |
| Nm                                                                           | Nm 20/3                                                                                                                                                                                                                                                                                                                                                                                           | Nm 20/3                       |
| Breaking strength                                                            | $\bar{x}$ = 9.500 cN                                                                                                                                                                                                                                                                                                                                                                              | $\bar{x}$ = 9.500 cN          |
| Breaking extension                                                           | $\bar{x}$ = 30 %                                                                                                                                                                                                                                                                                                                                                                                  | $\bar{x}$ = 30 %              |
| Make up                                                                      | 1.500 m and 4.500 m kingspool                                                                                                                                                                                                                                                                                                                                                                     | 4.500 m kingspool             |
| Melting point                                                                | 285 °C                                                                                                                                                                                                                                                                                                                                                                                            | 285 °C                        |
| <b>The benefits to the airbag industry of Gütermann G1503 / Oxcel HT are</b> | <ul style="list-style-type: none"> <li>• Fibre quality remains constant</li> <li>• Production is controlled at every stage</li> <li>• Uniform, high quality bonding</li> <li>• Uniform, high quality finish</li> <li>• Uniform, high quality winding</li> </ul>                                                                                                                                   |                               |
| <b>This goes hand in hand with</b>                                           | <ul style="list-style-type: none"> <li>• Ongoing staff training</li> <li>• Continuous research and development to meet the high demands of a high performance sewing thread in the airbag industry</li> <li>• Continuous re-investment in the latest machinery and production techniques</li> <li>• Machinery is constantly being maintained</li> <li>• Comprehensive technical advice</li> </ul> |                               |
| <b>Colours</b>                                                               | Red, blue, yellow, green or any other colour as requested                                                                                                                                                                                                                                                                                                                                         |                               |
| <b>Delivery time</b>                                                         | 3 days for standard colours or 3 weeks for special colours                                                                                                                                                                                                                                                                                                                                        |                               |
|                                                                              | <div> <a href="http://www.guetermann.com">www.guetermann.com</a>  </div>                                                                                                                                                                                                                                     |                               |