	<b>TECHNICAL DATA</b> n° 1883 CA	<b>ANGY PLANT</b> <b>Automotive part</b>
REFERENCE DESIGNATION STANDARD	<b>P7137***</b> <b>CABLE Double Insulation T3 ZH</b> <b>Following STD 1059023 &amp; 525001 &amp; ISO 6722</b>	DATE : <b>03/10/12</b> ISSUE : <b>D</b> PAGE : <b>1/2</b>

REFERENCE	CONDUCTOR				INSULATION			SHEATH		
	Indicative CROSS SECTION	CORE (approx.nb x dia.)	NOMINAL DIAMETER (indicative)	MAXI DC Resistance At 20°C	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER	MINI THICKNESS	MINI DIAMETER	MAXI DIAMETER
	(mm <sup>2</sup> )	(mm)	(mm)	(Ω/km)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
<b>P7137440</b>	<b>16</b>	<b>492x0.21</b>	<b>5.30</b>	<b>1.16</b>	<b>0.53</b>	<b>6.50</b>	<b>7.00</b>	<b>0.58</b>	<b>8.00</b>	<b>8.50</b>
<b>P7137470</b>	<b>25</b>	<b>768x0.21</b>	<b>6.50</b>	<b>0.743</b>	<b>0.53</b>	<b>7.70</b>	<b>8.20</b>	<b>0.58</b>	<b>9.50</b>	<b>9.90</b>
<b>P7137490</b>	<b>35</b>	<b>1064x0.21</b>	<b>8.00</b>	<b>0.525</b>	<b>0.53</b>	<b>9.00</b>	<b>9.50</b>	<b>0.58</b>	<b>10.60</b>	<b>11.20</b>
<b>P7137520</b>	<b>50</b>	<b>1501x0.21</b>	<b>9.30</b>	<b>0.368</b>	<b>0.62</b>	<b>10.80</b>	<b>11.30</b>	<b>0.75</b>	<b>12.60</b>	<b>13.40</b>
<b>P7137560</b>	<b>70</b>	<b>2128x0.21</b>	<b>11.20</b>	<b>0.259</b>	<b>0.62</b>	<b>12.10</b>	<b>12.6</b>	<b>1.26</b>	<b>15.00</b>	<b>15.80</b>
<b>P7137580</b>	<b>95</b>	<b>798x0,41</b>	<b>13.60</b>	<b>0.196</b>	<b>0.71</b>	<b>14.40</b>	<b>14.90</b>	<b>1.26</b>	<b>17.30</b>	<b>18.30</b>

### I - CONDUCTOR


Metal	<b>Plain copper</b>
Mechanical resistance	<b>Elongation of unit wires : ≥ 15 %</b>

### II - INSULATION

Compound	<b>Cross-linked halogen free Polyolefins</b>
Colors	<b>Ecru</b>
Temperature rating	<b>-40°C / + 125°C</b>

### III - SHEATH

Compound	<b>Cross-linked halogen free Polyolefins</b>
Colors	<b>On Request</b>
Dielectric test (direct current)	<b>7500V to 8000V</b>
Temperature rating	<b>-40°C / + 125°C</b>
Identification	<b>in ink "PRYSMIAN "cross-section" DI T3"</b> <b>"cross-section" " with maxi lay length of 200 mm</b>

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## USING RECOMMENDATIONS

**Suggested Knives : « V shape »(no flat knives) for cutting and « radius shape » for stripping**

Section (mm <sup>2</sup> )	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>	<b>70</b>	<b>95</b>
Suggested diameter Approx. for radius shape knives (mm)	<b>5.40</b>	<b>6.60</b>	<b>8.30</b>	<b>9.8</b>	<b>11.3</b>	<b>13.8</b>

**Quantities and gross weights (as an indication) by drum packaging**

<b>Sections (mm<sup>2</sup>)</b>	<b>Plastic drum XCP 600mm (*)</b>		<b>Wood drum 750mm (**)</b>	
	<b>Quantity (m)</b>	<b>Weight (kg)</b>	<b>Quantity (m)</b>	<b>Weight (kg)</b>
<b>16</b>	<b>650</b>	<b>120</b>	<b>1200</b>	<b>232</b>
<b>25</b>	<b>420</b>	<b>120</b>	<b>900</b>	<b>263</b>
<b>35</b>	<b>350</b>	<b>127</b>	<b>650</b>	<b>240</b>
<b>50</b>	<b>250</b>	<b>130</b>	<b>450</b>	<b>237</b>
<b>70</b>			<b>330</b>	<b>245</b>
<b>95</b>			<b>250</b>	<b>252</b>

(\*) 4 drums by pallet - (\*\*) 2 drums by pallet

Temperature of storage	<b>- 40°C à +85°C in original packaging</b>
Sealing process	<b>Possible with polyolefin type materials</b>
For a long storage	<b>If the cable is still unused during a long period. Sealing of the ends of the cables with hot wax to avoid oxydation. Following the picture below</b>



<b>DEVELOPMENT DEPARTMENT</b>	<b>QUALITY MANAGER</b>
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