

DPP™ high performance micro-pultrusion profiles
 SPECIFICATIONS STANDARD PRODUCT RANGE | JANUARY 2011



| Cross section Shape | Article code Reference for ordering | Product description Material cross section dimensions length Dimension in mm length in cm | Width [W] mm | Thickness [T] mm | Diameter | | Radius [R] mm | Length [L] mm | Straightness mm | Weight gram/m | Resin system | Fibers |
|---------------------|---|---|-----------------------------------|------------------|---------------|---------------|---------------|---------------|-----------------|---------------|--------------|--------------|
| | | | | | Outer [OD] mm | Inner [ID] mm | | | | | | |
| TUBE | C1TU 0A00 00d5 | Carbon Tube D0.70x0.25-50cm | | | 0,70 - 0,03 | 0,25 + 0,03 | | 500 +3 | 2mm/1000mm | 0,40 | epoxy | UD Carbon HT |
| | C1TU 0A00 0001 | Carbon Tube D0.70x0.25-100cm | | | 0,70 - 0,03 | 0,25 + 0,03 | | 1000 +5 | 2mm/1000mm | 0,40 | epoxy | UD Carbon HT |
| | C1TU 0A00 0002 | Carbon Tube D0.70x0.25-200cm | | | 0,70 - 0,03 | 0,25 + 0,03 | | 2000 +5 | 2mm/1000mm | 0,40 | epoxy | UD Carbon HT |
| | C1TU 1A00 00d5 | Carbon Tube D1.00x0.50-50cm | | | 1,00 - 0,03 | 0,50 + 0,03 | | 500 +3 | 2mm/1000mm | 0,80 | epoxy | UD Carbon HT |
| | C1TU 1A00 0001 | Carbon Tube D1.00x0.50-100cm | | | 1,00 - 0,03 | 0,50 + 0,03 | | 1000 +5 | 2mm/1000mm | 0,80 | epoxy | UD Carbon HT |
| | C1TU 1A00 0002 | Carbon Tube D1.00x0.50-200cm | | | 1,00 - 0,03 | 0,50 + 0,03 | | 2000 +5 | 2mm/1000mm | 0,80 | epoxy | UD Carbon HT |
| | C1TU 1B00 00d5 | Carbon Tube D1.50x0.70-50cm | | | 1,50 - 0,05 | 0,70 + 0,03 | | 500 +3 | 2mm/1000mm | 2,00 | epoxy | UD Carbon HT |
| | C1TU 1B00 0001 | Carbon Tube D1.50x0.70-100cm | | | 1,50 - 0,05 | 0,70 + 0,03 | | 1000 +5 | 2mm/1000mm | 2,00 | epoxy | UD Carbon HT |
| | C1TU 1B00 0002 | Carbon Tube D1.50x0.70-200cm | | | 1,50 - 0,05 | 0,70 + 0,03 | | 2000 +5 | 2mm/1000mm | 2,00 | epoxy | UD Carbon HT |
| | C1TU 2A00 00d5 | Carbon Tube D2.00x1.00-50cm | | | 2,00 - 0,05 | 1,00 + 0,02 | | 500 +3 | 2mm/1000mm | 3,50 | epoxy | UD Carbon HT |
| | C1TU 2A00 0001 | Carbon Tube D2.00x1.00-100cm | | | 2,00 - 0,05 | 1,00 + 0,02 | | 1000 +5 | 2mm/1000mm | 3,50 | epoxy | UD Carbon HT |
| | C1TU 2A00 0002 | Carbon Tube D2.00x1.00-200cm | | | 2,00 - 0,05 | 1,00 + 0,02 | | 2000 +5 | 2mm/1000mm | 3,50 | epoxy | UD Carbon HT |
| | C1TU 2B00 00d5 | Carbon Tube D2.50x1.50-50cm | | | 2,50 - 0,05 | 1,50 + 0,03 | | 500 +3 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| | C1TU 2B00 0001 | Carbon Tube D2.50x1.50-100cm | | | 2,50 - 0,05 | 1,50 + 0,03 | | 1000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| | C1TU 2B00 0002 | Carbon Tube D2.50x1.50-200cm | | | 2,50 - 0,05 | 1,50 + 0,03 | | 2000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| | C1TU 3A00 00d5 | Carbon Tube D3.00x2.00-50cm | | | 3,00 - 0,10 | 2,00 + 0,03 | | 500 +3 | 2mm/1000mm | 5,60 | epoxy | UD Carbon HT |
| | C1TU 3A00 0001 | Carbon Tube D3.00x2.00-100cm | | | 3,00 - 0,10 | 2,00 + 0,03 | | 1000 +5 | 2mm/1000mm | 5,60 | epoxy | UD Carbon HT |
| | C1TU 3A00 0002 | Carbon Tube D3.00x2.00-200cm | | | 3,00 - 0,10 | 2,00 + 0,03 | | 2000 +5 | 2mm/1000mm | 5,60 | epoxy | UD Carbon HT |
| | C1TU 4A00 00d5 | Carbon Tube D4.00x2.50-50cm | | | 4,00 - 0,10 | 2,50 + 0,05 | | 500 +3 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 4A00 0001 | Carbon Tube D4.00x2.50-100cm | | | 4,00 - 0,10 | 2,50 + 0,05 | | 1000 +5 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 4A00 0002 | Carbon Tube D4.00x2.50-200cm | | | 4,00 - 0,10 | 2,50 + 0,05 | | 2000 +5 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 4B00 00d5 | Carbon Tube D4.00x3.00-50cm | | | 4,00 - 0,10 | 3,00 + 0,05 | | 500 +3 | 2mm/1000mm | 7,70 | epoxy | UD Carbon HT |
| | C1TU 4B00 0001 | Carbon Tube D4.00x3.00-100cm | | | 4,00 - 0,10 | 3,00 + 0,05 | | 1000 +5 | 2mm/1000mm | 7,70 | epoxy | UD Carbon HT |
| | C1TU 4B00 0002 | Carbon Tube D4.00x3.00-200cm | | | 4,00 - 0,10 | 3,00 + 0,05 | | 2000 +5 | 2mm/1000mm | 7,70 | epoxy | UD Carbon HT |
| | C1TU 5A00 00d5 | Carbon Tube D5.00x4.00-50cm | | | 4,95 - 0,10 | 3,90 + 0,10 | | 500 +3 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 5A00 0001 | Carbon Tube D5.00x4.00-100cm | | | 4,95 - 0,10 | 3,90 + 0,10 | | 1000 +5 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 5A00 0002 | Carbon Tube D5.00x4.00-200cm | | | 4,95 - 0,10 | 3,90 + 0,10 | | 2000 +5 | 2mm/1000mm | 11,10 | epoxy | UD Carbon HT |
| | C1TU 6B00 00d5 | Carbon Tube D6.00x4.00-50cm | | | 5,90 + 0,10 | 4,00 + 0,10 | | 500 +3 | 2mm/1000mm | 23,30 | epoxy | UD Carbon HT |
| | C1TU 6B00 0001 | Carbon Tube D6.00x4.00-100cm | | | 5,90 + 0,10 | 4,00 + 0,10 | | 1000 +5 | 2mm/1000mm | 23,30 | epoxy | UD Carbon HT |
| | C1TU 6B00 0002 | Carbon Tube D6.00x4.00-200cm | | | 5,90 + 0,10 | 4,00 + 0,10 | | 2000 +5 | 2mm/1000mm | 23,30 | epoxy | UD Carbon HT |
| | C1TU 6A00 00d5 | Carbon Tube D6.00x5.00-50cm | | | 5,90 + 0,10 | 4,90 + 0,10 | | 500 +3 | 2mm/1000mm | 13,30 | epoxy | UD Carbon HT |
| | C1TU 6A00 0001 | Carbon Tube D6.00x5.00-100cm | | | 5,90 + 0,10 | 4,90 + 0,10 | | 1000 +5 | 2mm/1000mm | 13,30 | epoxy | UD Carbon HT |
| | C1TU 6A00 0002 | Carbon Tube D6.00x5.00-200cm | | | 5,90 + 0,10 | 4,90 + 0,10 | | 2000 +5 | 2mm/1000mm | 13,30 | epoxy | UD Carbon HT |
| | C1TU 8B00 00d5 | Carbon Tube D8.00x6.00-50cm | | | 7,90 + 0,10 | 6,00 + 0,10 | | 500 +3 | 2mm/1000mm | 32,2 | epoxy | UD Carbon HT |
| | C1TU 8B00 0001 | Carbon Tube D8.00x6.00-100cm | | | 7,90 + 0,10 | 6,00 + 0,10 | | 1000 +5 | 2mm/1000mm | 32,2 | epoxy | UD Carbon HT |
| | C1TU 8B00 0002 | Carbon Tube D8.00x6.00-200cm | | | 7,90 + 0,10 | 6,00 + 0,10 | | 2000 +5 | 2mm/1000mm | 32,2 | epoxy | UD Carbon HT |
| | C1TU 8A00 00d5 | Carbon Tube D8.00x7.00-50cm | | | 7,80 + 0,10 | 6,80 + 0,10 | | 500 +3 | 2mm/1000mm | 18,10 | epoxy | UD Carbon HT |
| | C1TU 8A00 0001 | Carbon Tube D8.00x7.00-100cm | | | 7,80 + 0,10 | 6,80 + 0,10 | | 1000 +5 | 2mm/1000mm | 18,10 | epoxy | UD Carbon HT |
| | C1TU 8A00 0002 | Carbon Tube D8.00x7.00-200cm | | | 7,80 + 0,10 | 6,80 + 0,10 | | 2000 +5 | 2mm/1000mm | 18,10 | epoxy | UD Carbon HT |
| | ROUND | C1RO 0A00 00d5 | Carbon round solid rod D0.28-50cm | | | 0,28 - 0,02 | | | 500 +3 | 2mm/1000mm | 0,10 | epoxy |
| C1RO 0A00 0001 | | Carbon round solid rod D0.28-100cm | | | 0,28 - 0,02 | | | 1000 +5 | 2mm/1000mm | 0,10 | epoxy | UD Carbon HT |
| C1RO 0A00 0002 | | Carbon round solid rod D0.28-200cm | | | 0,28 - 0,02 | | | 2000 +5 | 2mm/1000mm | 0,10 | epoxy | UD Carbon HT |
| C1RO 0B00 00d5 | | Carbon round solid rod D0.50-50cm | | | 0,50 - 0,02 | | | 500 +3 | 2mm/1000mm | 0,27 | epoxy | UD Carbon HT |
| C1RO 0B00 0001 | | Carbon round solid rod D0.50-100cm | | | 0,50 - 0,02 | | | 1000 +5 | 2mm/1000mm | 0,27 | epoxy | UD Carbon HT |
| C1RO 0B00 0002 | | Carbon round solid rod D0.50-200cm | | | 0,50 - 0,02 | | | 2000 +5 | 2mm/1000mm | 0,27 | epoxy | UD Carbon HT |
| C1RO 0C00 00d5 | | Carbon round solid rod D0.70-50cm | | | 0,70 - 0,03 | | | 500 +3 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HT |
| C1RO 0C00 0001 | | Carbon round solid rod D0.70-100cm | | | 0,70 - 0,03 | | | 1000 +5 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HT |
| C1RO 0C00 0002 | | Carbon round solid rod D0.70-200cm | | | 0,70 - 0,03 | | | 2000 +5 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HT |
| H1RO 0C00 00d5 | | Highmod. carbon round solid rod D0.70-50cm | | | 0,70 - 0,03 | | | 500 +3 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HM |
| H1RO 0C00 0001 | | Highmod. carbon round solid rod D0.70-100cm | | | 0,70 - 0,03 | | | 1000 +5 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HM |
| H1RO 0C00 0002 | | Highmod. carbon round solid rod D0.70-200cm | | | 0,70 - 0,03 | | | 2000 +5 | 2mm/1000mm | 0,60 | epoxy | UD Carbon HM |
| C1RO 0D00 00d5 | | Carbon round solid rod D0.85-50cm | | | 0,85 - 0,03 | | | 500 +3 | 2mm/1000mm | 0,90 | epoxy | UD Carbon HT |
| C1RO 0D00 0001 | | Carbon round solid rod D0.85-100cm | | | 0,85 - 0,03 | | | 1000 +5 | 2mm/1000mm | 0,90 | epoxy | UD Carbon HT |
| C1RO 0D00 0002 | | Carbon round solid rod D0.85-200cm | | | 0,85 - 0,03 | | | 2000 +5 | 2mm/1000mm | 0,90 | epoxy | UD Carbon HT |
| C1RO 1A00 00d5 | | Carbon round solid rod D1.00-50cm | | | 1,00 - 0,03 | | | 500 +3 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| C1RO 1A00 0001 | | Carbon round solid rod D1.00-100cm | | | 1,00 - 0,03 | | | 1000 +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| C1RO 1A00 0002 | | Carbon round solid rod D1.00-200cm | | | 1,00 - 0,03 | | | 2000 +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| C1RO 1B00 00d5 | | Carbon round solid rod D1.20-50cm | | | 1,20 - 0,03 | | | 500 +3 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT |
| C1RO 1B00 0001 | | Carbon round solid rod D1.20-100cm | | | 1,20 - 0,03 | | | 1000 +5 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT |
| C1RO 1B00 0002 | | Carbon round solid rod D1.20-200cm | | | 1,20 - 0,03 | | | 2000 +5 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT |
| C1RO 1C00 00d5 | | Carbon round solid rod D1.30-50cm | | | 1,30 - 0,03 | | | 500 +3 | 2mm/1000mm | 1,90 | epoxy | UD Carbon HT |
| C1RO 1C00 0001 | | Carbon round solid rod D1.30-100cm | | | 1,30 - 0,03 | | | 1000 +5 | 2mm/1000mm | 1,90 | epoxy | UD Carbon HT |
| C1RO 1C00 0002 | | Carbon round solid rod D1.30-200cm | | | 1,30 - 0,03 | | | 2000 +5 | 2mm/1000mm | 1,90 | epoxy | UD Carbon HT |
| C1RO 1D00 00d5 | | Carbon round solid rod D1.50-50cm | | | 1,50 - 0,03 | | | 500 +3 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HT |
| C1RO 1D00 0001 | | Carbon round solid rod D1.50-100cm | | | 1,50 - 0,03 | | | 1000 +5 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HT |
| C1RO 1D00 0002 | | Carbon round solid rod D1.50-200cm | | | 1,50 - 0,03 | | | 2000 +5 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HT |
| H1RO 1D00 00d5 | | Highmod. carbon round solid rod D1.50-50cm | | | 1,50 - 0,03 | | | 500 +3 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HM |
| H1RO 1D00 0001 | | Highmod. carbon round solid rod D1.50-100cm | | | 1,50 - 0,03 | | | 1000 +5 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HM |
| H1RO 1D00 0002 | | Highmod. carbon round solid rod D1.50-200cm | | | 1,50 - 0,03 | | | 2000 +5 | 2mm/1000mm | 2,60 | epoxy | UD Carbon HM |
| C1RO 1E00 00d5 | | Carbon round solid rod D1.60-50cm | | | 1,60 - 0,03 | | | 500 +3 | 2mm/1000mm | 2,90 | epoxy | UD Carbon HT |
| C1RO 1E00 0001 | | Carbon round solid rod D1.60-100cm | | | 1,60 - 0,03 | | | 1000 +5 | 2mm/1000mm | 2,90 | epoxy | UD Carbon HT |
| C1RO 1E00 0002 | | Carbon round solid rod D1.60-200cm | | | 1,60 - 0,03 | | | 2000 +5 | 2mm/1000mm | 2,90 | epoxy | UD Carbon HT |
| C1RO 1F00 00d5 | | Carbon round solid rod D1.80-50cm | | | 1,80 - 0,03 | | | 500 +3 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT |
| C1RO 1F00 0001 | | Carbon round solid rod D1.80-100cm | | | 1,80 - 0,03 | | | 1000 +5 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT |
| C1RO 1F00 0002 | | Carbon round solid rod D1.80-200cm | | | 1,80 - 0,03 | | | 2000 +5 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT |
| C1RO 2A00 00d5 | | Carbon round solid rod D2.00-50cm | | | 2,00 - 0,03 | | | 500 +3 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| C1RO 2A00 0001 | | Carbon round solid rod D2.00-100cm | | | 2,00 - 0,03 | | | 1000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| C1RO 2A00 0002 | | Carbon round solid rod D2.00-200cm | | | 2,00 - 0,03 | | | 2000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HT |
| H1RO 2A00 00d5 | | Highmod. carbon round solid rod D2.00-50cm | | | 2,00 - 0,03 | | | 500 +3 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HM |
| H1RO 2A00 0001 | Highmod. carbon round solid rod D2.00-100cm | | | 2,00 - 0,03 | | | 1000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HM | |
| H1RO 2A00 0002 | Highmod. carbon round solid rod D2.00-200cm | | | 2,00 - 0,03 | | | 2000 +5 | 2mm/1000mm | 4,60 | epoxy | UD Carbon HM | |
| C1RO 2B00 00d5 | Carbon round solid rod D2.50-50cm | | | 2,50 - 0,05 | | | 500 +3 | 2mm/1000mm | 7,60 | epoxy | UD Carbon HT | |
| C1RO 2B00 0001 | Carbon round solid rod D2.50-100cm | | | 2,50 - 0,05 | | | 1000 +5 | 2mm/1000mm | 7,60 | epoxy | UD Carbon HT | |
| C1RO 2B00 0002 | Carbon round solid rod D2.50-200cm | | | 2,50 - 0,05 | | | 2000 +5 | 2mm/1000mm | 7,60 | epoxy | UD Carbon HT | |
| C1RO 3A00 00d5 | Carbon round solid rod D3.00-50cm | | | 3,00 + 0,05 | | | 500 +3 | 2mm/1000mm | 10,50 | epoxy | UD Carbon HT | |
| C1RO 3A00 0001 | Carbon round solid rod D3.00-100cm | | | 3,00 + 0,05 | | | 1000 | | | | | |

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| Cross section Shape | Article code Reference for ordering | Product description Material cross section dimensions length Dimension in mm length in cm | Width [W] mm | Thickness [T] mm | Diameter | | Radius [R] mm | Length [L] mm | Straightness mm | Weight gram/m | Resin system | Fibers | | |
|---------------------|--|---|-----------------|---------------------|------------------|------------------|------------------|------------------|--------------------|------------------|--------------|--------------|--------------|--------------|
| | | | | | Outer [OD] mm | Inner [ID] mm | | | | | | | | |
| CIRCLE | C1RO 6A00 00d5 | Carbon round solid rod D6.00-50cm | | | 6,00 | - 0,10 | | 500 | +3 | 2mm/1000mm | 45,00 | epoxy | UD Carbon HT | |
| | C1RO 6A00 0001 | Carbon round solid rod D6.00-100cm | | | 6,00 | - 0,10 | | 1000 | +5 | 2mm/1000mm | 45,00 | epoxy | UD Carbon HT | |
| | C1RO 6A00 0002 | Carbon round solid rod D6.00-200cm | | | 6,00 | - 0,10 | | 2000 | +5 | 2mm/1000mm | 45,00 | epoxy | UD Carbon HT | |
| | C1RO 8A00 00d5 | Carbon round solid rod D8.00-50cm | | | 8,00 | ± 0,05 | | 500 | +3 | 2mm/1000mm | 79,4 | epoxy | UD Carbon HT | |
| | C1RO 8A00 0001 | Carbon round solid rod D8.00-100cm | | | 8,00 | ± 0,05 | | 1000 | +5 | 2mm/1000mm | 79,4 | epoxy | UD Carbon HT | |
| | C1RO 8A00 0002 | Carbon round solid rod D8.00-200cm | | | 8,00 | ± 0,05 | | 2000 | +5 | 2mm/1000mm | 79,4 | epoxy | UD Carbon HT | |
| | C1HR 0A00 00d5 | Carbon halfround rod R0.70-50cm | | | | | 0,70 | - 0,10 | 500 | +3 | 2mm/1000mm | 1,20 | epoxy | UD Carbon HT |
| | C1HR 0A00 0001 | Carbon halfround rod R0.70-100cm | | | | | 0,70 | - 0,10 | 1000 | +5 | 2mm/1000mm | 1,20 | epoxy | UD Carbon HT |
| | C1HR 0A00 0002 | Carbon halfround rod R0.70-200cm | | | | | 0,70 | - 0,10 | 2000 | +5 | 2mm/1000mm | 1,20 | epoxy | UD Carbon HT |
| | C1HR 0B00 00d5 | Carbon halfround rod R0.80-50cm | | | | | 0,80 | - 0,10 | 500 | +3 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT |
| C1HR 0B00 0001 | Carbon halfround rod R0.80-100cm | | | | | 0,80 | - 0,10 | 1000 | +5 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT | |
| C1HR 0B00 0002 | Carbon halfround rod R0.80-200cm | | | | | 0,80 | - 0,10 | 2000 | +5 | 2mm/1000mm | 1,60 | epoxy | UD Carbon HT | |
| C1HR 0C00 00d5 | Carbon halfround rod R0.90-50cm | | | | | 0,90 | - 0,10 | 500 | +3 | 2mm/1000mm | 2,10 | epoxy | UD Carbon HT | |
| C1HR 0C00 0001 | Carbon halfround rod R0.90-100cm | | | | | 0,90 | - 0,10 | 1000 | +5 | 2mm/1000mm | 2,10 | epoxy | UD Carbon HT | |
| C1HR 0C00 0002 | Carbon halfround rod R0.90-200cm | | | | | 0,90 | - 0,10 | 2000 | +5 | 2mm/1000mm | 2,10 | epoxy | UD Carbon HT | |
| C1HR 1A00 00d5 | Carbon halfround rod R1.00-50cm | | | | | 1,00 | - 0,10 | 500 | +3 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| C1HR 1A00 0001 | Carbon halfround rod R1.00-100cm | | | | | 1,00 | - 0,10 | 1000 | +5 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| C1HR 1A00 0002 | Carbon halfround rod R1.00-200cm | | | | | 1,00 | - 0,10 | 2000 | +5 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| C1HR 1B00 00d5 | Carbon halfround rod R1.50-50cm | | | | | 1,50 | - 0,10 | 500 | +3 | 2mm/1000mm | 5,30 | epoxy | UD Carbon HT | |
| C1HR 1B00 0001 | Carbon halfround rod R1.50-100cm | | | | | 1,50 | - 0,10 | 1000 | +5 | 2mm/1000mm | 5,30 | epoxy | UD Carbon HT | |
| C1HR 1B00 0002 | Carbon halfround rod R1.50-200cm | | | | | 1,50 | - 0,10 | 2000 | +5 | 2mm/1000mm | 5,30 | epoxy | UD Carbon HT | |
| C1HR 2A00 00d5 | Carbon halfround rod R2.00-50cm | | | | | 2,00 | - 0,10 | 500 | +3 | 2mm/1000mm | 9,40 | epoxy | UD Carbon HT | |
| C1HR 2A00 0001 | Carbon halfround rod R2.00-100cm | | | | | 2,00 | - 0,10 | 1000 | +5 | 2mm/1000mm | 9,40 | epoxy | UD Carbon HT | |
| C1HR 2A00 0002 | Carbon halfround rod R2.00-200cm | | | | | 2,00 | - 0,10 | 2000 | +5 | 2mm/1000mm | 9,40 | epoxy | UD Carbon HT | |
| C1HR 2B00 00d5 | Carbon halfround rod R2.50-50cm | | | | | 2,50 | - 0,10 | 500 | +3 | 2mm/1000mm | 14,70 | epoxy | UD Carbon HT | |
| C1HR 2B00 0001 | Carbon halfround rod R2.50-100cm | | | | | 2,50 | - 0,10 | 1000 | +5 | 2mm/1000mm | 14,70 | epoxy | UD Carbon HT | |
| C1HR 2B00 0002 | Carbon halfround rod R2.50-200cm | | | | | 2,50 | - 0,10 | 2000 | +5 | 2mm/1000mm | 14,70 | epoxy | UD Carbon HT | |
| STRIP | C1ST 1A00 00d5 | Carbon micro strip 1.00x0.12-50cm | 1,00 | - 0,10 | 0,13 | +/- 0,02 | | 500 | +3 | - | 0,16 | epoxy | UD Carbon HT | |
| | C1ST 1A00 0001 | Carbon micro strip 1.00x0.12-100cm | 1,00 | - 0,10 | 0,13 | +/- 0,02 | | 1000 | +5 | - | 0,16 | epoxy | UD Carbon HT | |
| | C1ST 1A00 0250 | Carbon micro strip 1.00x0.12-250m (bobine) | 1,00 | - 0,10 | 0,13 | +/- 0,02 | | - | - | - | 0,16 | epoxy | UD Carbon HT | |
| | C1ST 1B00 00d5 | Carbon micro strip 1.50x0.12-50cm | 1,40 | ± 0,10 | 0,13 | +/- 0,02 | | 500 | +3 | - | 0,27 | epoxy | UD Carbon HT | |
| | C1ST 1B00 0001 | Carbon micro strip 1.50x0.12-100cm | 1,40 | ± 0,10 | 0,13 | +/- 0,02 | | 1000 | +5 | - | 0,27 | epoxy | UD Carbon HT | |
| | C1ST 1B00 0250 | Carbon micro strip 1.50x0.12-250m (bobine) | 1,40 | ± 0,10 | 0,13 | +/- 0,02 | | - | - | - | 0,27 | epoxy | UD Carbon HT | |
| | C1ST 2A00 00d5 | Carbon micro strip 2.00x0.13-50cm | 1,80 | ± 0,20 | 0,13 | +/- 0,02 | | 500 | +3 | - | 0,35 | epoxy | UD Carbon HT | |
| | C1ST 2A00 0001 | Carbon micro strip 2.00x0.13-100cm | 1,80 | ± 0,20 | 0,13 | +/- 0,02 | | 1000 | +5 | - | 0,35 | epoxy | UD Carbon HT | |
| | C1ST 2A00 0250 | Carbon micro strip 2.00x0.13-250m (bobine) | 1,80 | ± 0,20 | 0,13 | +/- 0,02 | | - | - | - | 0,35 | epoxy | UD Carbon HT | |
| | C1ST 3A00 00d5 | Carbon micro strip 3.00x0.13-50cm | 2,80 | ± 0,25 | 0,13 | +/- 0,02 | | 500 | +3 | - | 0,53 | epoxy | UD Carbon HT | |
| C1ST 3A00 0001 | Carbon micro strip 3.00x0.13-100cm | 2,80 | ± 0,25 | 0,13 | +/- 0,02 | | 1000 | +5 | - | 0,53 | epoxy | UD Carbon HT | | |
| C1ST 3A00 0250 | Carbon micro strip 3.00x0.13-250m (bobine) | 2,80 | ± 0,25 | 0,13 | +/- 0,02 | | - | - | - | 0,53 | epoxy | UD Carbon HT | | |
| RECTANGULAR | C1RE 1A00 00d5 | Carbon rectangular rod 1.00x0.40-50cm | 1,00 | - 0,05 | 0,40 | +0,02 | | 500 | +3 | 2mm/1000mm | 0,50 | epoxy | UD Carbon HT | |
| | C1RE 1A00 0001 | Carbon rectangular rod 1.00x0.40-100cm | 1,00 | - 0,05 | 0,40 | +0,02 | | 1000 | +5 | 2mm/1000mm | 0,50 | epoxy | UD Carbon HT | |
| | C1RE 1A00 0002 | Carbon rectangular rod 1.00x0.40-200cm | 1,00 | - 0,05 | 0,40 | +0,02 | | 2000 | +5 | 2mm/1000mm | 0,50 | epoxy | UD Carbon HT | |
| | C1RE 1B00 00d5 | Carbon rectangular rod 1.40x1.40-50cm | 1,40 | + 0,05 | 1,40 | +0,05 | | 500 | +3 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 1B00 0001 | Carbon rectangular rod 1.40x1.40-100cm | 1,40 | + 0,05 | 1,40 | +0,05 | | 1000 | +5 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 1B00 0002 | Carbon rectangular rod 1.40x1.40-200cm | 1,40 | + 0,05 | 1,40 | +0,05 | | 2000 | +5 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 2A00 00d5 | Carbon rectangular rod 2.00x0.40-50cm | 2,00 | - 0,05 | 0,40 | +0,02 | | 500 | +3 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT | |
| | C1RE 2A00 0001 | Carbon rectangular rod 2.00x0.40-100cm | 2,00 | - 0,05 | 0,40 | +0,02 | | 1000 | +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT | |
| | C1RE 2A00 0002 | Carbon rectangular rod 2.00x0.40-200cm | 2,00 | - 0,05 | 0,40 | +0,02 | | 2000 | +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT | |
| | C1RE 2B00 00d5 | Carbon rectangular rod 2.00x0.80-50cm | 2,00 | - 0,15 | 0,80 | +0,05 | | 500 | +3 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| | C1RE 2B00 0001 | Carbon rectangular rod 2.00x0.80-100cm | 2,00 | - 0,15 | 0,80 | +0,05 | | 1000 | +5 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| | C1RE 2B00 0002 | Carbon rectangular rod 2.00x0.80-200cm | 2,00 | - 0,15 | 0,80 | +0,05 | | 2000 | +5 | 2mm/1000mm | 2,40 | epoxy | UD Carbon HT | |
| | C1RE 3A00 00d5 | Carbon rectangular rod 3.00x0.40-50cm | 3,00 | - 0,15 | 0,40 | +0,05 | | 500 | +3 | 2mm/1000mm | 1,70 | epoxy | UD Carbon HT | |
| | C1RE 3A00 0001 | Carbon rectangular rod 3.00x0.40-100cm | 3,00 | - 0,15 | 0,40 | +0,05 | | 1000 | +5 | 2mm/1000mm | 1,70 | epoxy | UD Carbon HT | |
| | C1RE 3A00 0002 | Carbon rectangular rod 3.00x0.40-200cm | 3,00 | - 0,15 | 0,40 | +0,05 | | 2000 | +5 | 2mm/1000mm | 1,70 | epoxy | UD Carbon HT | |
| | C1RE 3B00 00d5 | Carbon rectangular rod 3.00x0.60-50cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 500 | +3 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT | |
| | C1RE 3B00 0001 | Carbon rectangular rod 3.00x0.60-100cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 1000 | +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT | |
| | C1RE 3B00 0002 | Carbon rectangular rod 3.00x0.60-200cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 2000 | +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT | |
| | H1RE 3B00 00d5 | Highmod.carbon rectangular rod 3.00x0.60-50cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 500 | +3 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HM | |
| | H1RE 3B00 0001 | Highmod.carbon rectangular rod 3.00x0.60-100cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 1000 | +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HM | |
| | H1RE 3B00 0002 | Highmod.carbon rectangular rod 3.00x0.60-200cm | 3,00 | - 0,15 | 0,60 | +0,05 | | 2000 | +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HM | |
| | C1RE 3C00 00d5 | Carbon rectangular rod 3.00x0.80-50cm | 3,00 | - 0,15 | 0,80 | +0,05 | | 500 | +3 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT | |
| | C1RE 3C00 0001 | Carbon rectangular rod 3.00x0.80-100cm | 3,00 | - 0,15 | 0,80 | +0,05 | | 1000 | +5 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT | |
| | C1RE 3C00 0002 | Carbon rectangular rod 3.00x0.80-200cm | 3,00 | - 0,15 | 0,80 | +0,05 | | 2000 | +5 | 2mm/1000mm | 3,70 | epoxy | UD Carbon HT | |
| | C1RE 4A00 00d5 | Carbon rectangular rod 4.00x0.60-50cm | 4,00 | - 0,15 | 0,60 | +0,05 | | 500 | +3 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 4A00 0001 | Carbon rectangular rod 4.00x0.60-100cm | 4,00 | - 0,15 | 0,60 | +0,05 | | 1000 | +5 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 4A00 0002 | Carbon rectangular rod 4.00x0.60-200cm | 4,00 | - 0,15 | 0,60 | +0,05 | | 2000 | +5 | 2mm/1000mm | 3,60 | epoxy | UD Carbon HT | |
| | C1RE 4B00 00d5 | Carbon rectangular rod 4.00x1.10-50cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 500 | +3 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HT | |
| | C1RE 4B00 0001 | Carbon rectangular rod 4.00x1.10-100cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 1000 | +5 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HT | |
| | C1RE 4B00 0002 | Carbon rectangular rod 4.00x1.10-200cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 2000 | +5 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HT | |
| | H1RE 4B00 00d5 | Highmod.carbon rectangular rod 4.00x1.10-50cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 500 | +3 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HM | |
| | H1RE 4B00 0001 | Highmod.carbon rectangular rod 4.00x1.10-100cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 1000 | +5 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HM | |
| | H1RE 4B00 0002 | Highmod.carbon rectangular rod 4.00x1.10-200cm | 4,00 | - 0,15 | 1,10 | +0,05 | | 2000 | +5 | 2mm/1000mm | 6,60 | epoxy | UD Carbon HM | |
| | C1RE 6A00 00d5 | Carbon rectangular rod 6.00x0.60-50cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 500 | +3 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HT | |
| | C1RE 6A00 0001 | Carbon rectangular rod 6.00x0.60-100cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 1000 | +5 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HT | |
| | C1RE 6A00 0002 | Carbon rectangular rod 6.00x0.60-200cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 2000 | +5 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HT | |
| | H1RE 6A00 00d5 | Highmod.carbon rectangular rod 6.00x0.60-50cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 500 | +3 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HM | |
| | H1RE 6A00 0001 | Highmod.carbon rectangular rod 6.00x0.60-100cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 1000 | +5 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HM | |
| | H1RE 6A00 0002 | Highmod.carbon rectangular rod 6.00x0.60-200cm | 5,80 | ± 0,05 | 0,60 | +0,05 | | 2000 | +5 | 2mm/1000mm | 5,50 | epoxy | UD Carbon HM | |
| | C1RE 6B00 00d5 | Carbon rectangular rod 6.00x0.80-50cm | 5,80 | ± 0,05 | 0,80 | +0,05 | | 500 | +3 | 2mm/1000mm | 7,70 | epoxy | UD Carbon HT | |
| C1RE 6B00 0001 | Carbon rectangular rod 6.00x0.80-100cm | 5,80 | ± 0,05 | 0,80 | +0,05 | | 1000 | +5 | 2mm/1000mm | 7,70 | epoxy | UD Carbon HT | | |
| C1RE 6B00 0002 | Carbon rectangular rod 6.00x0.80-200cm | 5,80 | ± 0,05 | 0, | | | | | | | | | | |

DPP™ high performance micro-pultrusion profiles
 SPECIFICATIONS STANDARD PRODUCT RANGE | JANUARY 2011



| Cross section Shape | Article code Reference for ordering | Product description Material cross section dimensions length Dimension in mm length in cm | Width [W] mm | Thickness [T] mm | Diameter | | Radius [R] mm | Length [L] mm | Straightness mm | Weight gram/m | Resin system | Fibers |
|---------------------|-------------------------------------|---|--------------|------------------|---------------|---------------|---------------|---------------|-----------------|---------------|--------------|--------------|
| | | | | | Outer [OD] mm | Inner [ID] mm | | | | | | |
| TRAILING EDGE | CITE 1A00 00d5 | Carbon trailing edge 1.60x0.60/0.40-50cm | 1,60 ± 0,03 | 0,6/0,4 ± 0,03 | | | | 500 +3 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| | CITE 1A00 0001 | Carbon trailing edge 1.60x0.60/0.40-100cm | 1,60 ± 0,03 | 0,6/0,4 ± 0,03 | | | | 1000 +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| | CITE 1A00 0002 | Carbon trailing edge 1.60x0.60/0.40-200cm | 1,60 ± 0,03 | 0,6/0,4 ± 0,03 | | | | 2000 +5 | 2mm/1000mm | 1,10 | epoxy | UD Carbon HT |
| | CITE 3A00 00d5 | Carbon trailing edge 3.00x0.70/0.50-50cm | 3,00 ± 0,03 | 0,7/0,5 ± 0,03 | | | | 500 +3 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT |
| | CITE 3A00 0001 | Carbon trailing edge 3.00x0.70/0.50-100cm | 3,00 ± 0,03 | 0,7/0,5 ± 0,03 | | | | 1000 +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT |
| | CITE 3A00 0002 | Carbon trailing edge 3.00x0.70/0.50-200cm | 3,00 ± 0,03 | 0,7/0,5 ± 0,03 | | | | 2000 +5 | 2mm/1000mm | 2,70 | epoxy | UD Carbon HT |
| | CITE 3B00 00d5 | Carbon trailing edge 3.80x0.85/0.60-50cm | 3,80 ± 0,03 | 0,85/0,6 ± 0,03 | | | | 500 +3 | 2mm/1000mm | 4,20 | epoxy | UD Carbon HT |
| | CITE 3B00 0001 | Carbon trailing edge 3.80x0.85/0.60-100cm | 3,80 ± 0,03 | 0,85/0,6 ± 0,03 | | | | 1000 +5 | 2mm/1000mm | 4,20 | epoxy | UD Carbon HT |
| | CITE 3B00 0002 | Carbon trailing edge 3.80x0.85/0.60-200cm | 3,80 ± 0,03 | 0,85/0,6 ± 0,03 | | | | 2000 +5 | 2mm/1000mm | 4,20 | epoxy | UD Carbon HT |

DPP™ high performance micro-pultrusion profiles

Material properties



Base materials

Resin

- High performance bisphenol A epoxy resin.
- Standard Tg: 120 °C. Can be elevated up to 150 grad C on request.

Standard Carbon Fiber

- Torayca T700 or equivalent
- Tensile strength (virgin fiber): 4900 Mpa
- Tensile modulus (virgin fiber): 230 Gpa
- Ultimate elongation: 2 %

High modulus carbon fiber

- Toho Tenax UMS45 F22 or equivalent
- Tensile strength (virgin fiber): 4500 Mpa
- Tensile modulus (virgin fiber): 430 Gpa
- Ultimate elongation: 1.1 %

Composite properties (typical values)

Standard Carbon Fiber

- Fiber volume fraction : +/- 63 %
- Tensile strength: 2500 Mpa
- Tensile modulus: 140 Gpa
- Compression strength: 1600 Mpa
- Ultimate elongation: 2 %

High modulus carbon fiber

- Fiber volume fraction : +/- 63 %
- Tensile strength: 2400 Mpa
- Tensile modulus: 240 Gpa
- Compression strength: 1000 Mpa
- Ultimate elongation: 1.1 %

Notes

- Pultrusions with deferring properties can be delivered on request.
- Above properties are typical values only.
- For design purposes please request specified properties.