

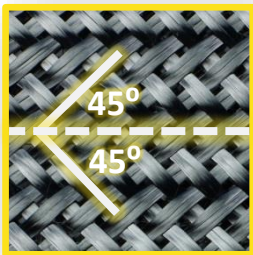
CUSTOM MADE BRAIDS AND TAPES

Custom made braids and tapes

Besides our selection of standard programs, Eurocarbon produces a large variety of tailor made constructions.

The benefit is the construction can be fine-tuned to the performance of the part and therefore save costs or increase performance compared to a standard product.

To define a new braid or woven tape, there is a minimum of information required to define tailor made construction. In the next sections the required information is described.



Minimum required information for braids.

- Diameter measured at 45 degree braiding angle (or diameter at specific angle).
- Fiber materials: f.i. Carbon, E-Glass, Aramid, etc
- Hybrid construction? We can braid f.i. Carbon and Glass. Normally the ratio is 50/50 but other ratios can be selected.
- The weight of the braid at 45 degrees braiding angle / or the areal weight at 45 degrees.

If you have an existing sample for evaluation, please make sure it is approx. 20 cm in length.

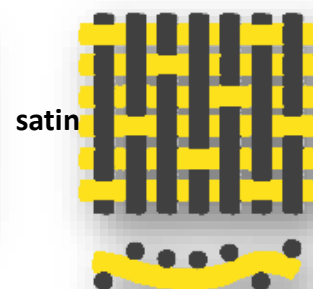
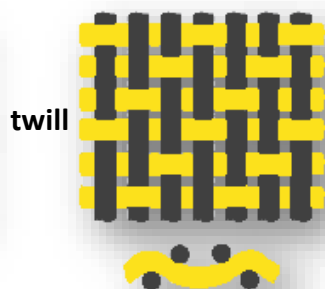
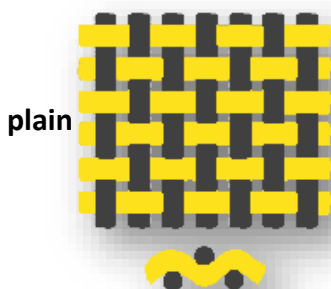
Minimum required information for woven tapes

- Width of the tape
- Weight per m²
- Fibers in warp: Fiberglass, Aramid, Carbon, etc
- Fibers in weft : Fiberglass, Aramid, Carbon, etc
- Weave style (plain/twill/satin/other)
- Threads per cm in warp (if available)
- Threads per cm in weft (if available)



If the threads per cm in warp or weft are unknown, we need the ratio by weight for the warp and weft.

If you have an existing sample for evaluation, please make sure it is approx. 20 cm in length



STANDARD PROGRAM CARBON FIBER BRAIDS

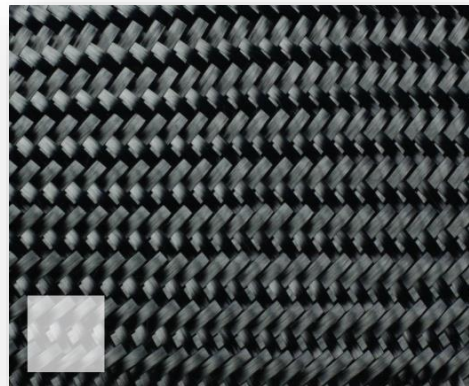


Carbon fiber braids

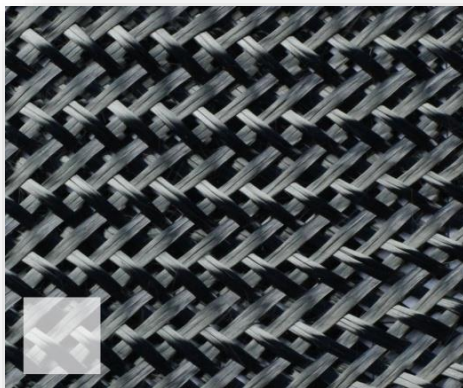
The tubular carbon fiber braids program is made of high quality carbon fibers. The fiber densities which we are using, are 3K, 6K and 12K fibers. These fibers create respectively the light, medium and heavy braids in our program.



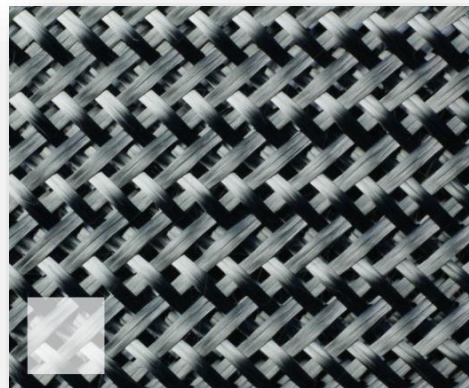
A 144/01



B 96/15



B 96/24




B 120-04

STANDARD PROGRAM

CARBON FIBER BRAIDS

Carbon fiber braids

Light Weight (3K Fibers)

| Article | Diameter at $\pm 45^\circ$ in mm | Weight per m at $\pm 45^\circ$ (g/m) | Fabric weight g/m^2 | Thickness at 50% FV mm | Yield m/kg at $\pm 45^\circ$ |
|---|----------------------------------|--------------------------------------|------------------------------|------------------------|------------------------------|
| A 24/10 | 5 | 7 | 446 | 0,46 | 143 |
| A 36/2 | 10 | 10 | 303 | 0,40 | 91 |
| A 48/10 | 15 | 14 | 297 | 0,31 | 77 |
| A 60/2 | 20 | 17 | 271 | 0,35 | 50 |
| A 96/14 | 25 | 27 | 344 | 0,40 | 37 |
| A 120/1 | 30 | 34 | 361 | 0,40 | 30 |
| A 144/1  | 40 | 41 | 325 | 0,37 | 24 |

Middle Weight (6K Fibers)

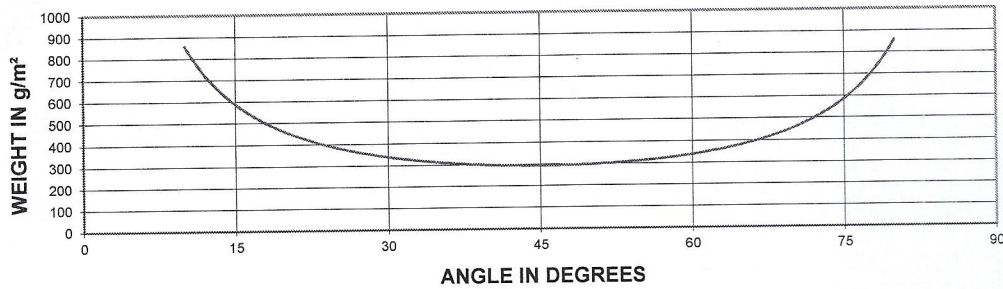
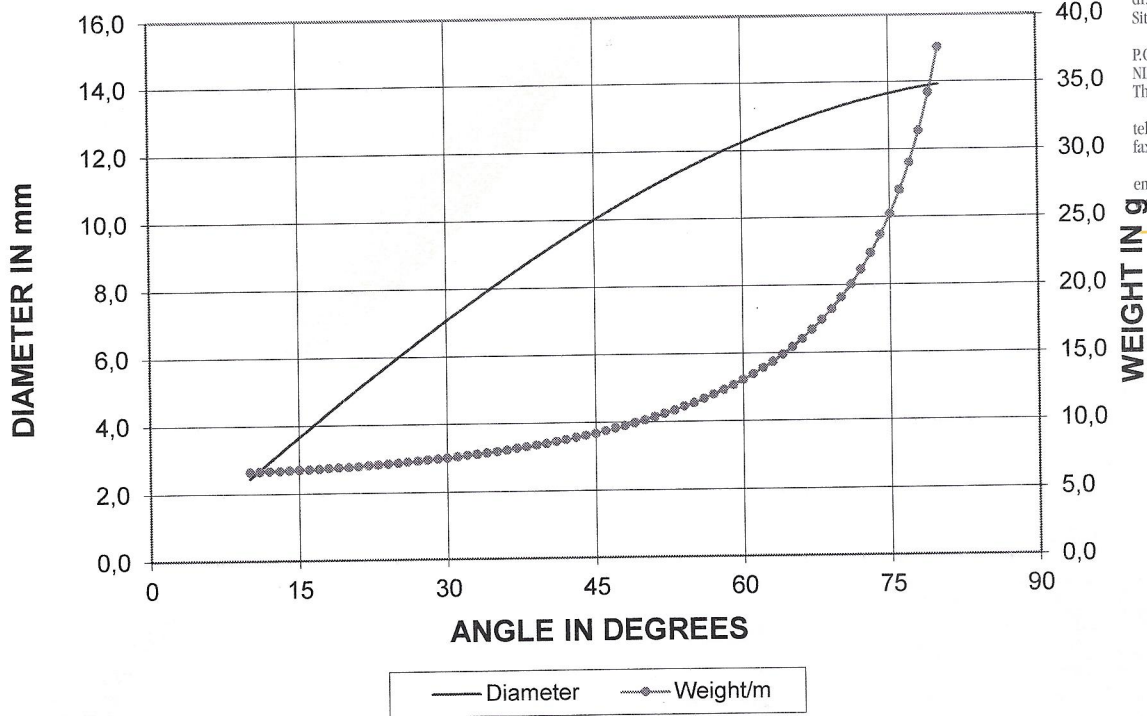
| Article | Diameter at $\pm 45^\circ$ in mm | Weight per m at $\pm 45^\circ$ (g/m) | Fabric weight g/m^2 | Thickness at 50% FV mm | Yield m/kg at $\pm 45^\circ$ |
|---|----------------------------------|--------------------------------------|------------------------------|------------------------|------------------------------|
| B 24/6 | 10 | 14 | 446 | 0,47 | 77 |
| B 36/1 | 15 | 20 | 424 | 0,48 | 50 |
| B 48/9 | 20 | 27 | 430 | 0,48 | 37 |
| B 60/1 | 25 | 34 | 433 | 0,55 | 26 |
| B 80/2 | 30 | 45 | 458 | 0,56 | 21 |
| B 96/15  | 40 | 54 | 430 | 0,48 | 19 |
| B 96/9 | 50 | 54 | 344 | 0,39 | 19 |
| B 120/7 | 60 | 68 | 361 | 0,41 | 15 |
| B 144/5 | 70 | 81 | 368 | 0,40 | 13 |
| B 96/24  | 80 | 109 | 434 | 0,49 | 9,3 |
| B 120/5 | 90 | 136 | 481 | 0,55 | 7,4 |
| B 120/4  | 100 | 136 | 433 | 0,57 | 7,2 |
| B 144/6 | 125 | 163 | 415 | 0,47 | 6,3 |

Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185



DATASHEET BRAIDED SLEEVE

Article **GL-010-009** **GG 10 - 9**



Material :
EC09 68x2 S152 1383 (1)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 7 | 10 | 12 | mm |
| | WEIGHT | 8 | 9 | 13 | g/m |
| | WEIGHT | 339 | 294 | 339 | g/m ² |

Eurocarbon b.v.
dr. Nolenslaan 109
Sittard

P.O. Box 725
NL 6130 AS Sittard
The Netherlands

tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85

email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com

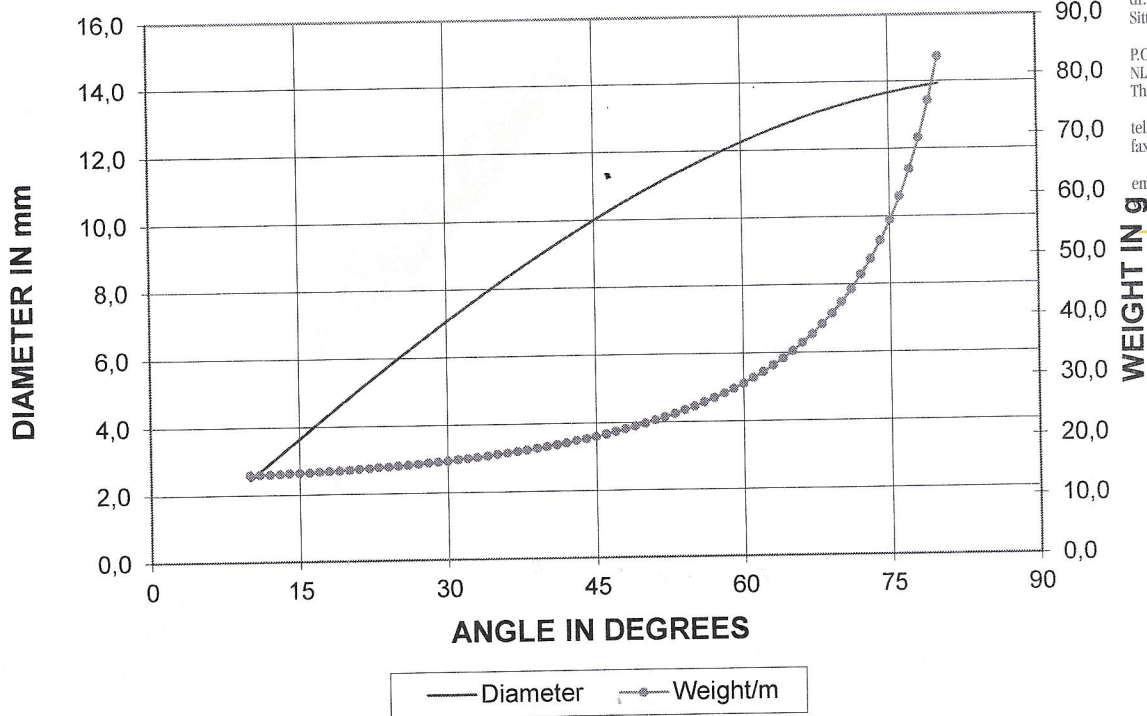
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BIC: ABNANL2A
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Trade register nr. 63623641

Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185

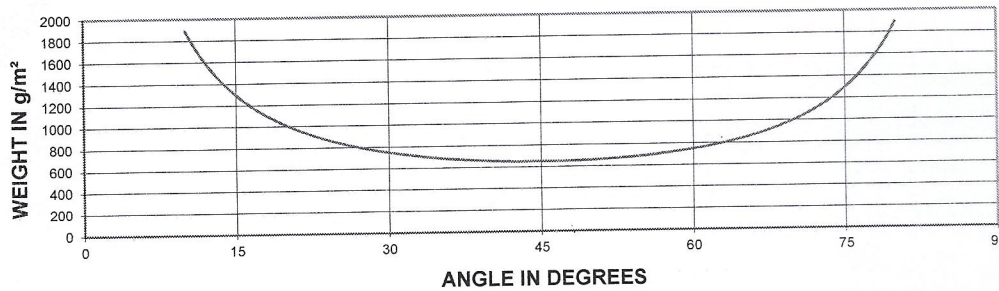


DATASHEET BRAIDED SLEEVE

Article **GM-010-020** **GG 10 - 20**



Eurocarbon b.v.
dr. Nolenslaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com



Material :
48*EC13 300 TD22G

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 7 | 10 | 12 | mm |
| | WEIGHT | 17 | 20 | 29 | g/m |
| | WEIGHT | 749 | 648 | 749 | g/m ² |

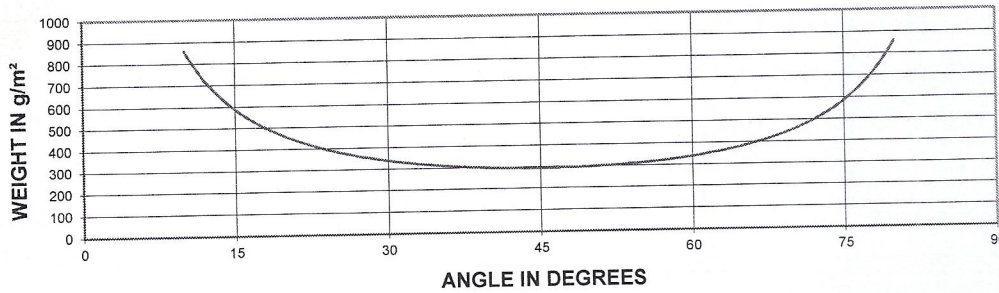
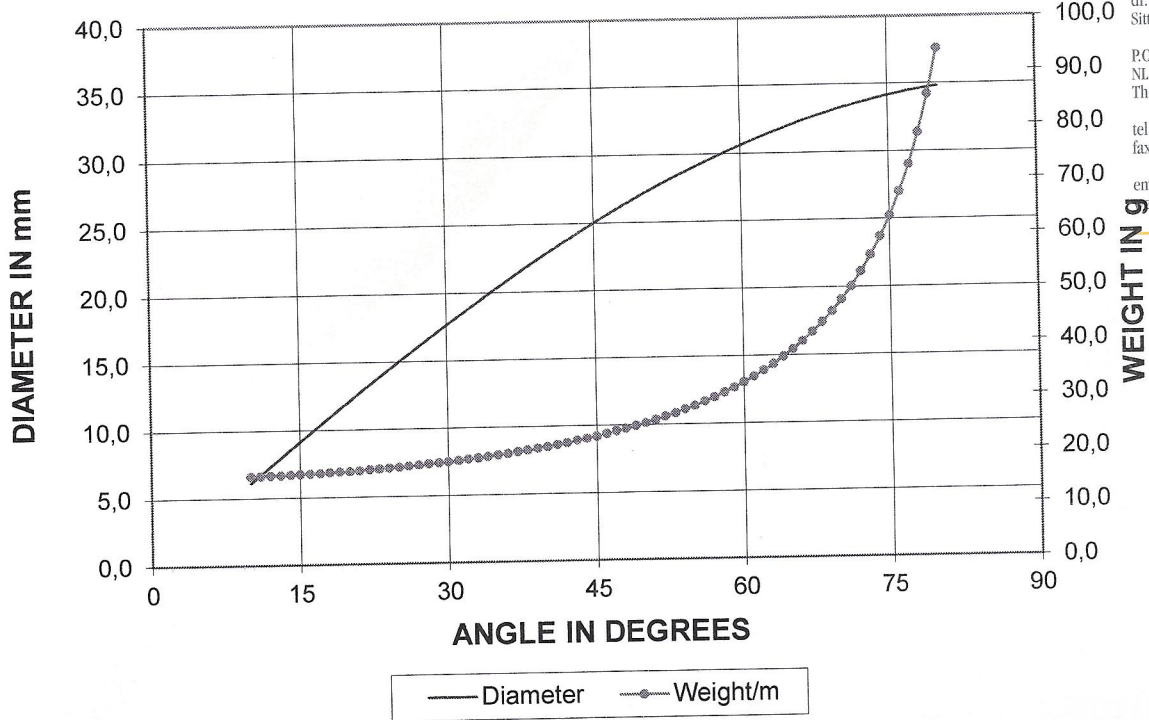
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Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185



DATASHEET BRAIDED SLEEVE

Article **GL-025-023** **GG 25 - 23**



Material :
EC09 68x2 S152 1383 (1)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 18 | 25 | 31 | mm |
| | WEIGHT | 19 | 23 | 33 | g/m |
| | WEIGHT | 339 | 294 | 339 | g/m ² |

Eurocarbon b.v.
dr. Nolenlaan 109
Sittard

P.O. Box 725
NL 6130 AS Sittard
The Netherlands

tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85

email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com

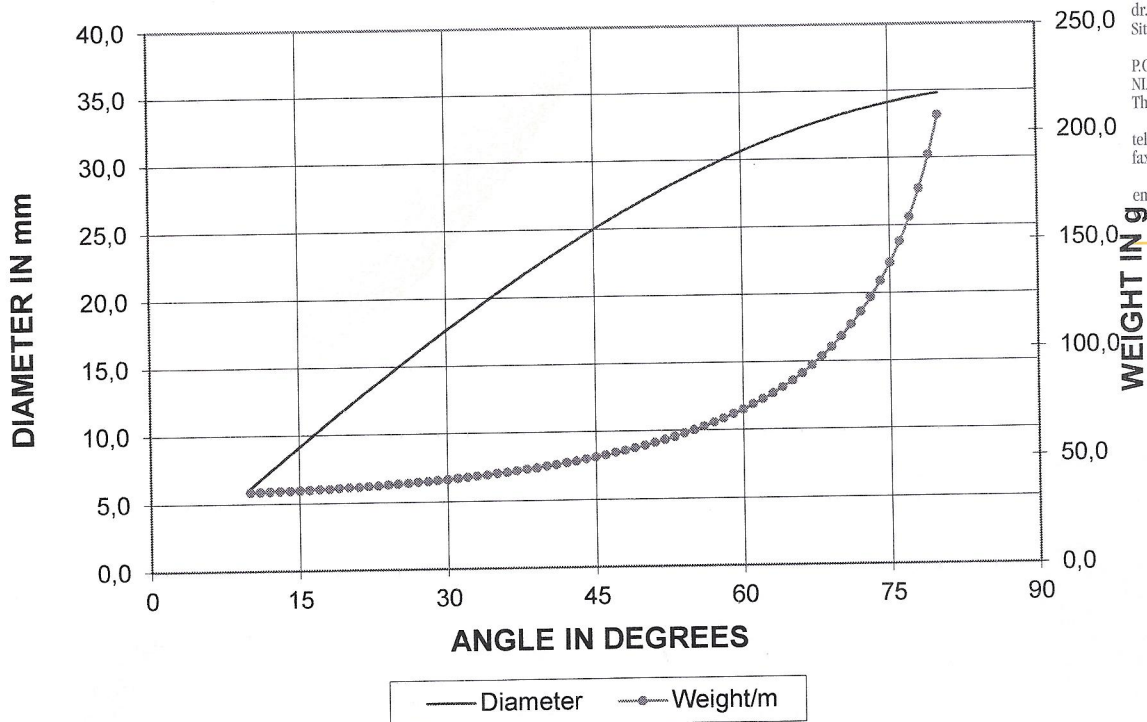
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Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185

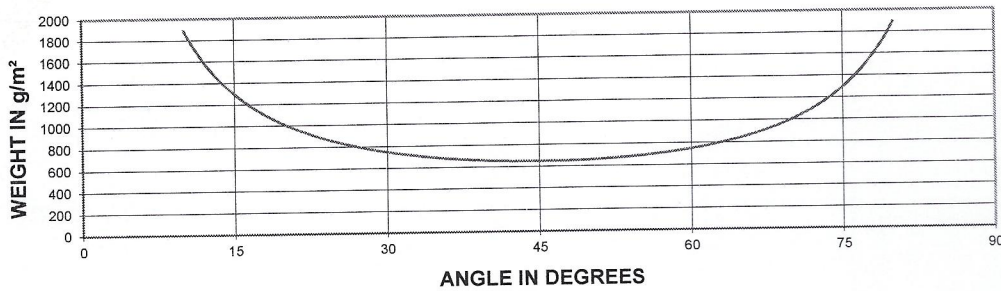


DATASHEET BRAIDED SLEEVE

Article **GM-025-051** **GG 25 - 51**



Eurocarbon b.v.
dr. Nolenslaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com



Material :
60°EC13 300 TD22G (2)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 18 | 25 | 31 | mm |
| | WEIGHT | 42 | 51 | 72 | g/m |
| | WEIGHT | 749 | 648 | 749 | g/m ² |

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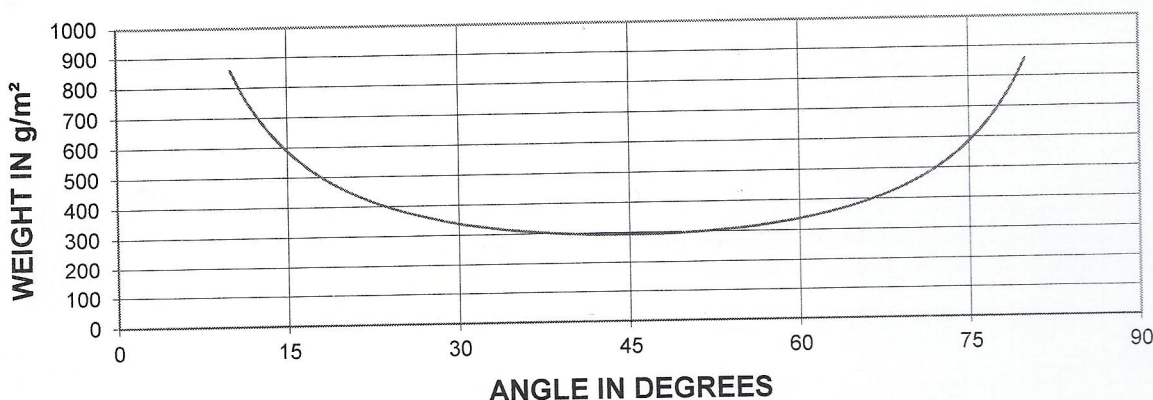
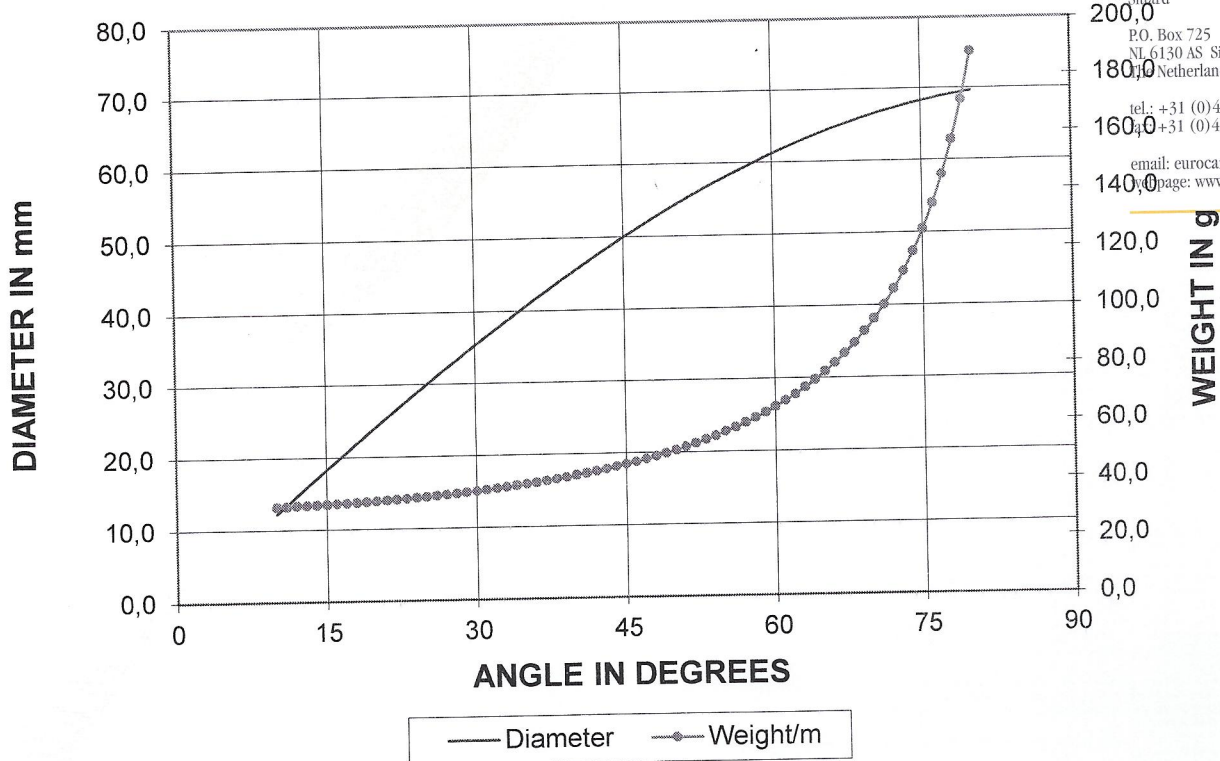
Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185



DATASHEET BRAIDED SLEEVE

Article number **GL-050-046** **GL 50 - 46**

Eurocarbon b.v.
dr. Nolenslaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
+31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
page: www.eurocarbon.com



Material :
120 x 68x2(2) S152 1383 (2)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 35 | 50 | 61 | mm |
| | WEIGHT | 38 | 46 | 65 | g/m |
| | WEIGHT | 339 | 294 | 339 | g/m ² |

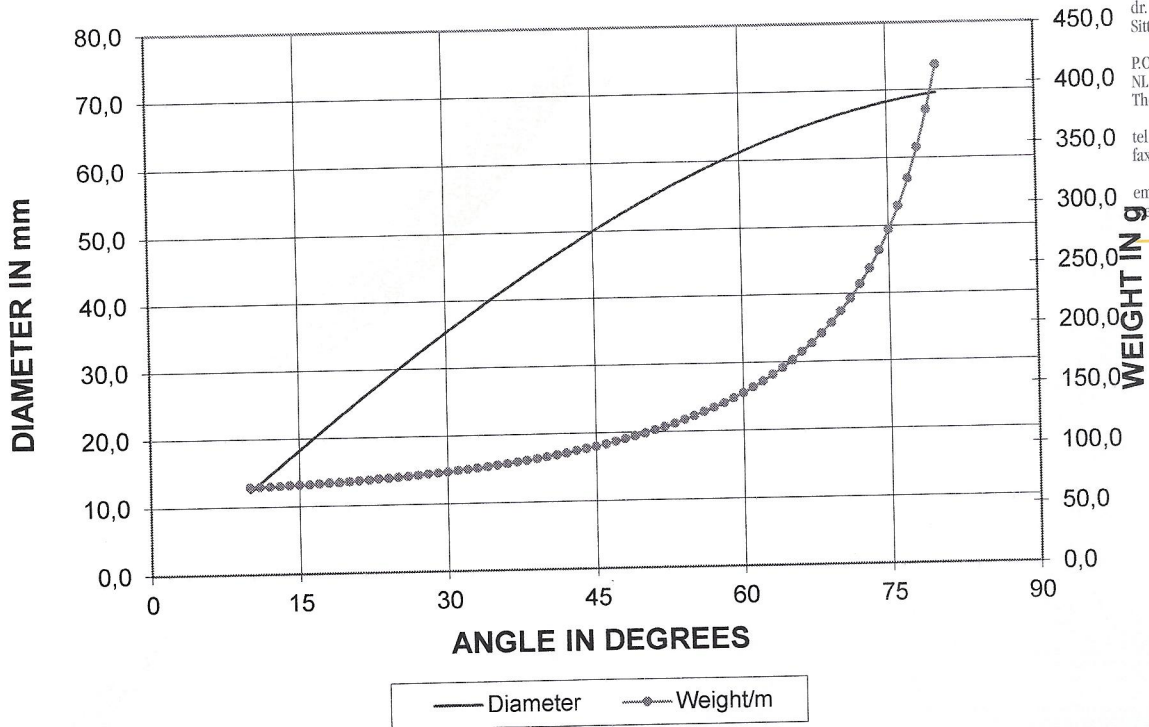
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Eurocarbon B.V.
P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
Fax 046-4516185

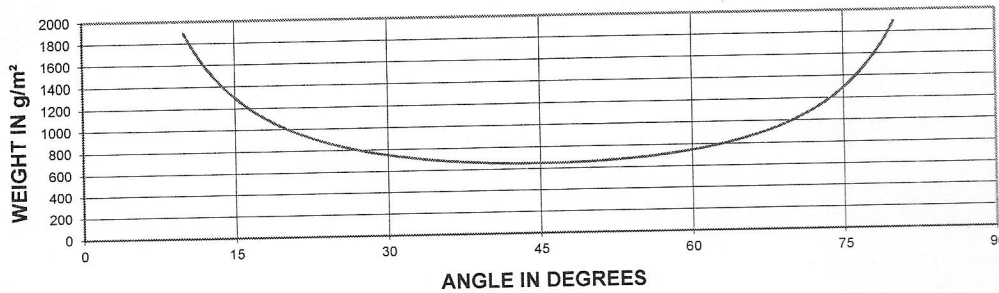


DATASHEET BRAIDED SLEEVE

Article **GM-050-102** **GG 50 - 102**



Eurocarbon b.v.
dr. Nolenslaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com



Material :
120*EC13 300 Z20 TD22G (2)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 35 | 50 | 61 | mm |
| | WEIGHT | 83 | 102 | 144 | g/m |
| | WEIGHT | 749 | 648 | 749 | g/m ² |

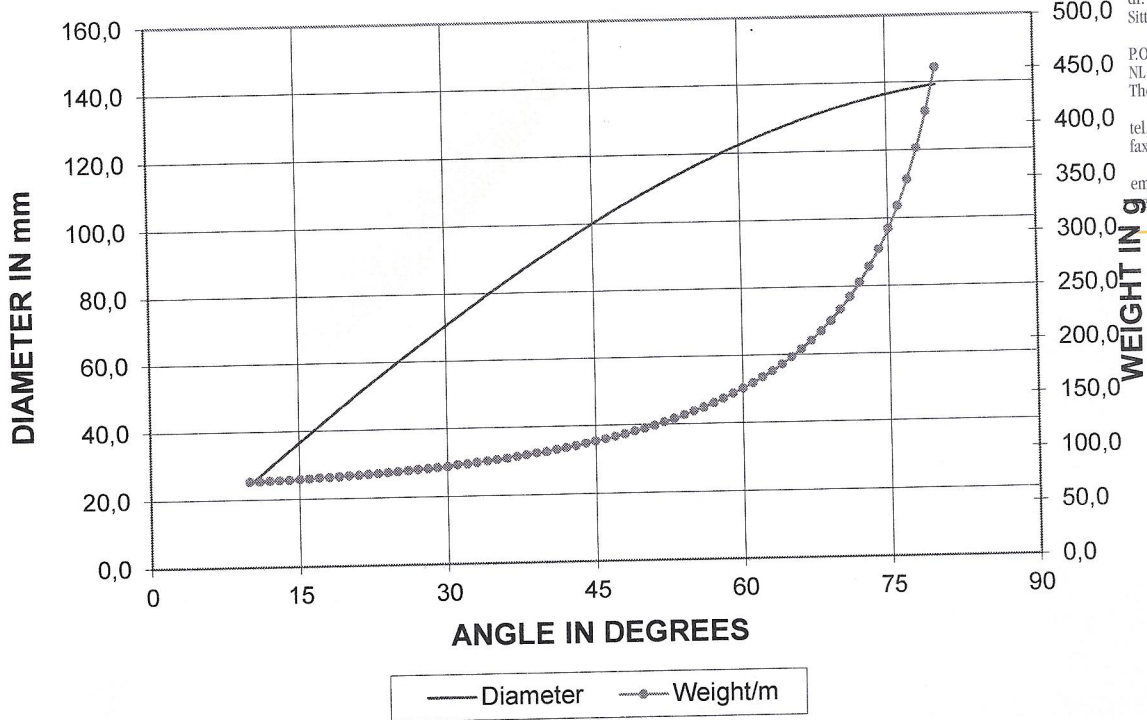
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P.O. Box 725
6130 AS Sittard
The Netherlands
Phone 046-4517280
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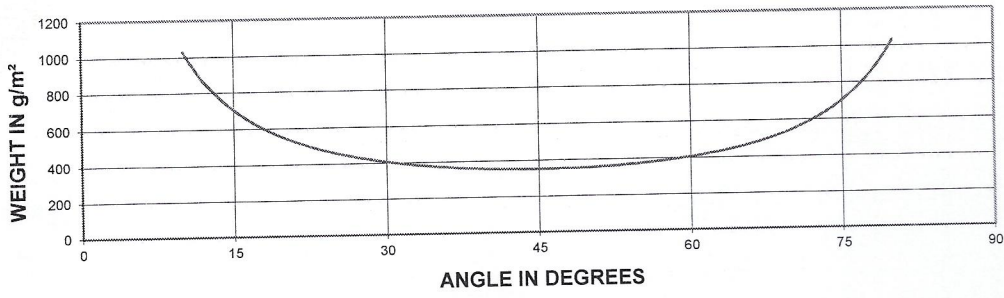


DATASHEET BRAIDED SLEEVE

Article **GL100-112** **GG 100 - 111**



Eurocarbon b.v.
dr. Nolenslaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
bpage: www.eurocarbon.com



Material :
144*EC09 68*2 S152 1383(4)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 71 | 100 | 122 | mm |
| | WEIGHT | 90 | 111 | 157 | g/m |
| | WEIGHT | 407 | 353 | 407 | g/m ² |

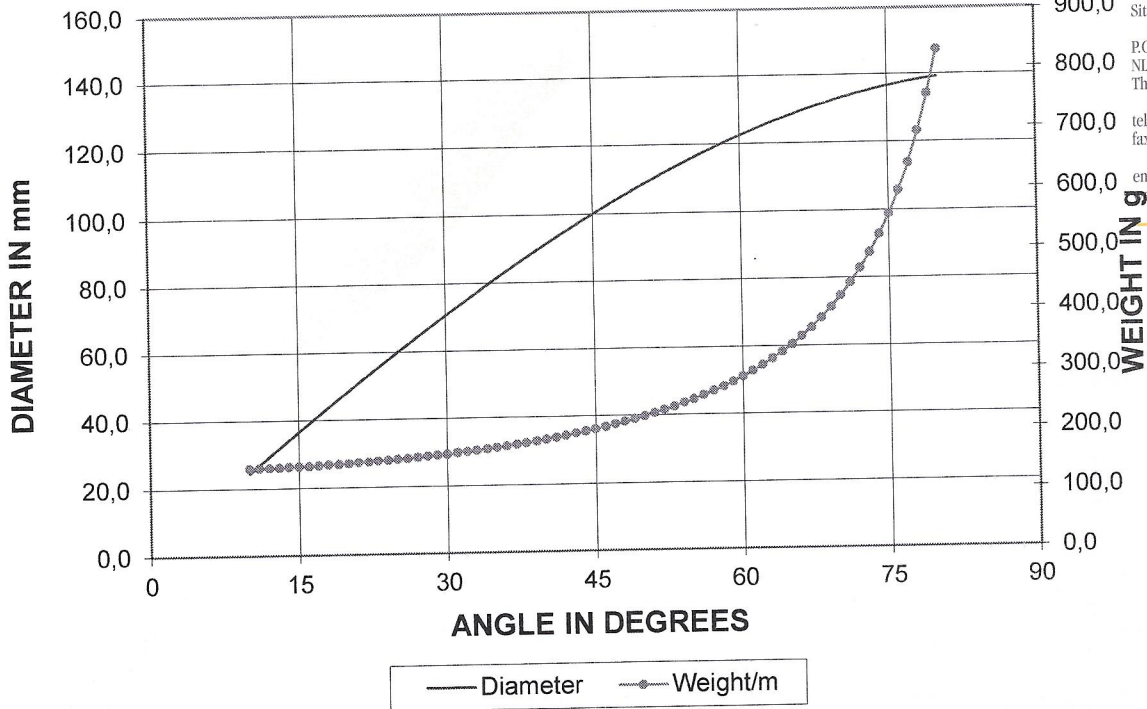
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The Netherlands
Phone 046-4517280
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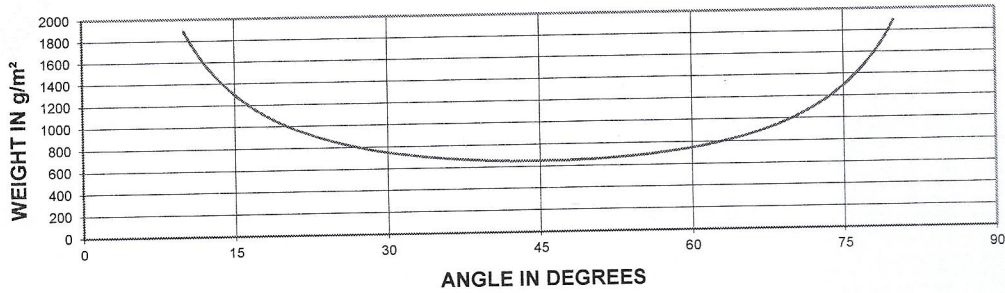


DATASHEET BRAIDED SLEEVE

Article **GM-100-203** **GG 100 - 204**



Eurocarbon b.v.
dr. Nolenlaan 109
Sittard
P.O. Box 725
NL 6130 AS Sittard
The Netherlands
tel.: +31 (0)46 451 72 80
fax: +31 (0)46 451 61 85
email: eurocarbon@eurocarbon.com
homepage: www.eurocarbon.com



Material :
120*EC13 300 Z20 TD22G (4)

| Tubular Braid: | ANGLE | 30° | 45° | 60° | |
|----------------|----------|-----|-----|-----|------------------|
| | DIAMETER | 71 | 100 | 122 | mm |
| | WEIGHT | 166 | 204 | 288 | g/m |
| | WEIGHT | 749 | 648 | 749 | g/m ² |

Vat nr. NL855319768B01
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