

# HELAVIA membrane grommets DG

in polychloroprene rubber (Neoprene) - black  
(for technical properties see page D100)



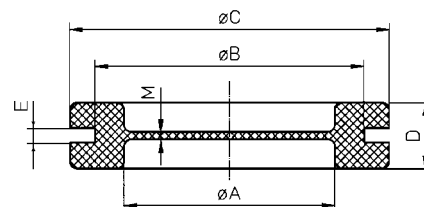
HELAVIA

- 30 to + 90°C

Designed to close off unused entries in panels, enclosures and housings of all types. Wires and conduits can pass through the membrane if required.

## standard membrane (1 and 1,5 mm)

| type                        | article number | pack | ØA   | measurements in mm |    |    |     |     |  |
|-----------------------------|----------------|------|------|--------------------|----|----|-----|-----|--|
|                             |                |      |      | ØB                 | C  | D  | E   | M   |  |
| <b>PG membrane grommets</b> |                |      |      |                    |    |    |     |     |  |
| DG 9/E1                     | 0258 0361 010  | 100  | 9    | 15,5               | 20 | 7  | 1   | 1   |  |
| DG 9                        | 0258 0351 010  | 100  | 9    | 15,5               | 20 | 7  | 2   | 1   |  |
| DG 11                       | 0258 0352 010  | 100  | 11   | 18,5               | 23 | 7  | 2   | 1   |  |
| DG 13,5                     | 0258 0353 010  | 100  | 13,5 | 20,5               | 25 | 7  | 2   | 1   |  |
| DG 16                       | 0258 0354 010  | 100  | 16   | 22,5               | 28 | 7  | 2   | 1   |  |
| DG 21                       | 0258 0355 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   |  |
| DG 29                       | 0258 0356 010  | 50   | 29   | 37                 | 44 | 9  | 2   | 1   |  |
| DG 36                       | 0258 0357 010  | 50   | 36   | 47                 | 54 | 10 | 2,5 | 1   |  |
| DG 48                       | 0258 0358 010  | 50   | 48   | 60                 | 68 | 10 | 2,5 | 1   |  |
| DG 53                       | 0258 0359 010  | 50   | 53   | 64                 | 75 | 10 | 2,5 | 1,5 |  |
| DG 69                       | 0258 0360 010  | 50   | 69   | 79                 | 90 | 10 | 2,5 | 1,5 |  |



## Metric membrane grommets

| type   | article number | pack | ØA   | ØB | C    | D  | E   | M |
|--------|----------------|------|------|----|------|----|-----|---|
| DG M16 | 0258 0011 010  | 100  | 9    | 16 | 20   | 7  | 2   | 1 |
| DG M20 | 0258 0012 010  | 100  | 13,5 | 20 | 25   | 7  | 2   | 1 |
| DG M25 | 0258 0013 010  | 100  | 18,5 | 25 | 30,5 | 7  | 2   | 1 |
| DG M32 | 0258 0014 010  | 100  | 25   | 32 | 39   | 8  | 2   | 1 |
| DG M40 | 0258 0015 010  | 50   | 31   | 40 | 47   | 10 | 2,5 | 1 |
| DG M50 | 0258 0016 010  | 50   | 39   | 50 | 57   | 10 | 2,5 | 1 |
| DG M63 | 0258 0017 010  | 50   | 53   | 63 | 75   | 10 | 2,5 | 1 |
| DG M75 | 0258 0018 010  | 50   | 65   | 75 | 87   | 10 | 2,5 | 1 |



## thick membrane

| type     | article number | pack | ØA | ØB   | C    | D  | E | M |
|----------|----------------|------|----|------|------|----|---|---|
| DG 16/E3 | 0258 0449 010  | 100  | 16 | 22,5 | 27,5 | 9  | 3 | 2 |
| DG 16/E4 | 0258 0440 010  | 100  | 16 | 22,5 | 27,5 | 9  | 4 | 3 |
| DG 21/E4 | 0258 0441 010  | 100  | 21 | 28   | 35   | 10 | 4 | 3 |
| DG 29/E6 | 0258 0445 010  | 50   | 29 | 37   | 44   | 13 | 6 | 5 |



## cross-cut membrane (semi-standard)

| type     | article number | pack | ØA   | ØB   | ØC | D  | E   | M   | cut |
|----------|----------------|------|------|------|----|----|-----|-----|-----|
| DGC 13,5 | 0258 0402 010  | 100  | 13,5 | 20,5 | 25 | 7  | 2   | 1   | 10  |
| DGC 16   | 0258 0403 010  | 100  | 16   | 22,5 | 28 | 7  | 2   | 1   | 14  |
| DGC 21   | 0258 0404 010  | 100  | 21   | 28   | 35 | 8  | 2   | 1   | 17  |
| DGC 29   | 0258 0405 010  | 50   | 29   | 37   | 44 | 9  | 2   | 1   | 25  |
| DGC 36   | 0258 0406 010  | 50   | 36   | 47   | 54 | 10 | 2,5 | 1   | 32  |
| DGC 48   | 0258 0407 010  | 50   | 48   | 60   | 68 | 10 | 2,5 | 1   | 42  |
| DGC 53   | 0258 0408 010  | 50   | 53   | 64   | 75 | 10 | 2,5 | 1,5 | 25  |



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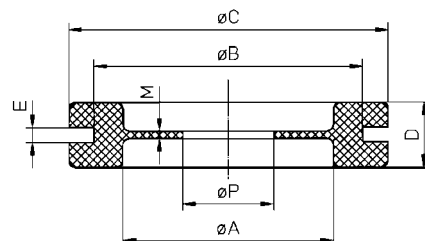


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- 30 to + 90°C  
continued...

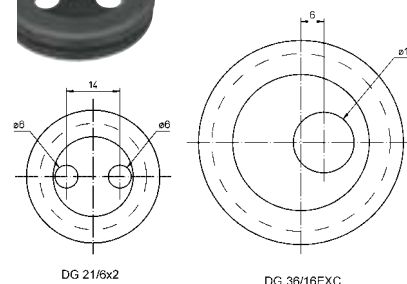
## perforated membrane (semi-standard)

| type        | article number | pack | ØA   | measurements in mm |    |    |     |     | Ø P perf. |
|-------------|----------------|------|------|--------------------|----|----|-----|-----|-----------|
|             |                |      |      | ØB                 | ØC | D  | E   | M   |           |
| DG 9/4,5    | 0258 0415 010  | 100  | 9    | 15,5               | 20 | 7  | 2   | 1   | 4,5       |
| DG 11/3,5   | 0258 0419 010  | 100  | 11   | 18,5               | 23 | 7  | 2   | 1   | 3,5       |
| DG 11/4,5   | 0258 0416 010  | 100  | 11   | 18,5               | 23 | 7  | 2   | 1   | 4,5       |
| DG 13,5/4,5 | 0258 0417 010  | 100  | 13,5 | 20,5               | 25 | 7  | 2   | 1   | 4,5       |
| DG 13,5/8   | 0258 0418 010  | 100  | 13,5 | 20,5               | 25 | 7  | 2   | 1   | 8         |
| DG 16/5     | 0258 0431 010  | 100  | 16   | 22,5               | 28 | 7  | 2   | 1   | 5         |
| DG 16/10    | 0258 0420 010  | 100  | 16   | 22,5               | 28 | 7  | 2   | 1   | 10        |
| DG 16/15    | 0258 0427 010  | 100  | 16   | 22,5               | 28 | 7  | 2   | 1   | 15        |
| DG 16/15E3  | 0258 0423 010  | 100  | 16   | 22,5               | 28 | 8  | 3   | 2   | 15        |
| DG 21/3     | 0258 0438 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 3         |
| DG 21/5     | 0258 0439 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 5         |
| DG 21/6     | 0258 0436 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 6         |
| DG 21/10    | 0258 0432 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 10        |
| DG 21/18    | 0258 0421 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 18        |
| DG 21/20    | 0258 0422 010  | 100  | 21   | 28                 | 35 | 8  | 2   | 1   | 20        |
| DG 29/10    | 0258 0433 010  | 50   | 29   | 37                 | 44 | 9  | 2   | 1   | 10        |
| DG 29/14    | 0258 0434 010  | 50   | 29   | 37                 | 44 | 9  | 2   | 1   | 14        |
| DG 29/18    | 0258 0429 010  | 50   | 29   | 37                 | 44 | 9  | 2   | 1   | 18        |
| DG 36/10    | 0258 0447 010  | 50   | 36   | 47                 | 54 | 10 | 2,5 | 1   | 10        |
| DG 36/14    | 0258 0430 010  | 50   | 36   | 47                 | 54 | 10 | 2,5 | 1   | 14        |
| DG 36/32    | 0258 0435 010  | 50   | 36   | 47                 | 54 | 10 | 2,5 | 1   | 32        |
| DG 48/14    | 0258 0446 010  | 50   | 48   | 60                 | 68 | 10 | 2,5 | 1   | 14        |
| DG 48/16    | 0258 0443 010  | 50   | 48   | 60                 | 68 | 10 | 2,5 | 1   | 16        |
| DG 48/22    | 0258 0444 010  | 50   | 48   | 60                 | 68 | 10 | 2,5 | 1   | 22        |
| DG 53/52    | 0258 0448 010  | 50   | 53   | 64                 | 75 | 10 | 2,5 | 1,5 | 52        |
| DG 69/16    | 0258 0426 010  | 50   | 69   | 79                 | 90 | 10 | 2,5 | 1,5 | 16        |
| DG 69/36    | 0258 0437 010  | 50   | 69   | 79                 | 90 | 10 | 2,5 | 1,5 | 36        |
| DG 69/55    | 0258 0442 010  | 50   | 69   | 79                 | 90 | 10 | 2,5 | 1,5 | 55        |



## special perforated membrane (semi-standard)

| type        | article number | pack | ØA | measurements in mm |    |    |     |   | Ø P perf.     |
|-------------|----------------|------|----|--------------------|----|----|-----|---|---------------|
|             |                |      |    | ØB                 | ØC | D  | E   | M |               |
| DG 21/6x2   | 0258 9436 010  | 100  | 21 | 28                 | 35 | 8  | 2   | 1 | 6(x2)         |
| DG 36/16EXC | 0258 0425 010  | 50   | 36 | 47                 | 54 | 10 | 2,5 | 1 | 16(eccentric) |



## cut serie with perforated membrane (semi-standard)

| type      | article number | pack | ØA | measurements in mm |    |    |     |   | Ø P perf. |
|-----------|----------------|------|----|--------------------|----|----|-----|---|-----------|
|           |                |      |    | ØB                 | ØC | D  | E   | M |           |
| DG 21/3F  | 0258 0424 010  | 100  | 21 | 28                 | 35 | 8  | 2   | 1 | 3F        |
| DG 48/30F | 0258 0428 010  | 50   | 48 | 60                 | 68 | 10 | 2,5 | 1 | 30F       |



On request other cut-outs are possible



|               |                     | Pages du catalogue<br>Catalogseite<br>Catalogue pages<br>Página's in de catalogus<br>Páginas del catalogo | Densité / Dichte<br>Density / Dichtheid<br>Densidad | Dureté / Härte / Hardness<br>Hardheid / Dureza | Retrait longitudinal /<br>Längsschrumpfung<br>Longitudinal shrink /<br>Krimp in de lengte richting<br>Contracción longitudinal | Point de fusion / Schmelzpunkt<br>Melting point / Smettpoint | Température d'utilisation<br>Einsatztemperatur<br>Operating temp. range<br>Gebruikstemperatuur<br>Temp. de utilización | Temp. de rétrécit /<br>Schrumpftemperatur / Shrink temp.<br>Krimptemperatuur /<br>Temp. contracción | Résistance à la rupture / Zugfestigkeit<br>Eerste strenght at break /<br>Scheren vastheid<br>Resist. a la rotura | Allongement à la rupture<br>Reissdehnung / Ultimate elongation<br>Max. rek voor breuk<br>Estramiento rotura | Résist. à base temp.<br>Kalebasdrangheid<br>Low temper. resistance<br>Lage temp.-bestendigheid<br>Res. a bajas temp. |
|---------------|---------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|               |                     |                                                                                                           | g/cm³                                               | Sh A                                           | %                                                                                                                              | °C                                                           | °C                                                                                                                     | °C                                                                                                  | MPa                                                                                                              | %                                                                                                           | °C                                                                                                                   |
| HELAVIA       | Qual. 3490          | A1/1 A2/1                                                                                                 |                                                     | 40 ±5                                          |                                                                                                                                |                                                              | ≤ +90                                                                                                                  |                                                                                                     | > 8                                                                                                              | > 600                                                                                                       | -30                                                                                                                  |
| SILAVIA       | Qual. 2412          | A1/3 A2/2                                                                                                 |                                                     | 40 ±5                                          |                                                                                                                                |                                                              | ≤ +200                                                                                                                 |                                                                                                     | > 7                                                                                                              | > 600                                                                                                       | -80                                                                                                                  |
| PLIO-SUPER    | Qual. 9923          | A3/1 A3/2                                                                                                 | 1,30                                                | 90 ±5                                          |                                                                                                                                |                                                              | ≤ +90                                                                                                                  |                                                                                                     | 24                                                                                                               | 300                                                                                                         | ≥ -20                                                                                                                |
| PLIO-HT       | Qual. 9861          | A3/5-6                                                                                                    | 1,30                                                | 80 ±5                                          |                                                                                                                                |                                                              | +105<br>continuous                                                                                                     |                                                                                                     | 20                                                                                                               | 300                                                                                                         | -40<br>(norm ASTM)                                                                                                   |
| PLIO-BT       | Qual. 9863          | A3/5-6                                                                                                    | 1,22                                                | 75 ±5                                          |                                                                                                                                |                                                              | ≤ +70                                                                                                                  |                                                                                                     | > 15                                                                                                             | 400                                                                                                         | -50 chocs                                                                                                            |
| PLIO tube     | Qual. 9832          | A3/7                                                                                                      | 1,23                                                | 85 ±5                                          |                                                                                                                                |                                                              | ≤ +60                                                                                                                  |                                                                                                     | > 22,5                                                                                                           | 350                                                                                                         | -20                                                                                                                  |
| PLIO INDUS    | Qual. 9836-10       | A3/8                                                                                                      | 1,43                                                | 85 ±5                                          |                                                                                                                                |                                                              | -30 to +85                                                                                                             |                                                                                                     | 15                                                                                                               | 250                                                                                                         |                                                                                                                      |
| PLIO-R & R-VJ | Qual. 9901          | A4/1                                                                                                      | 1,3                                                 | 97 ±5                                          | 20 to 30                                                                                                                       |                                                              | -20 to +90                                                                                                             | +120                                                                                                | 20                                                                                                               | 250                                                                                                         |                                                                                                                      |
| PLIOFINE      | SAM                 | A4/4                                                                                                      |                                                     |                                                | ≤ 15                                                                                                                           |                                                              |                                                                                                                        | +90/100                                                                                             | > 12                                                                                                             | > 200                                                                                                       |                                                                                                                      |
|               | B                   | A4/7                                                                                                      | ≤ 1,0                                               |                                                | ≤ -10                                                                                                                          |                                                              |                                                                                                                        | 115                                                                                                 | 20                                                                                                               | ≥ 200                                                                                                       |                                                                                                                      |
|               | B-EX                | A4/9                                                                                                      | ≤ 1,35                                              |                                                | ≤ -5                                                                                                                           |                                                              |                                                                                                                        | +90                                                                                                 | 15                                                                                                               | ≥ 300                                                                                                       |                                                                                                                      |
|               | BX-VJ               | A4/11                                                                                                     | ≤ 1,35                                              |                                                |                                                                                                                                |                                                              |                                                                                                                        | ≤ -10%                                                                                              | 12,7                                                                                                             |                                                                                                             |                                                                                                                      |
|               | AD-UL3              | A4/12                                                                                                     | ≤ 1,35                                              |                                                | ≤ +5-10                                                                                                                        |                                                              |                                                                                                                        |                                                                                                     | 12                                                                                                               | ≥ 300                                                                                                       |                                                                                                                      |
| PLIOSPIRE     | Qual. PVC 9921      | A5                                                                                                        | 1,30                                                |                                                |                                                                                                                                | +100                                                         | -15 to +80                                                                                                             |                                                                                                     | 25                                                                                                               | 300                                                                                                         |                                                                                                                      |
|               | Qual. PTFE          |                                                                                                           | 2,20                                                |                                                |                                                                                                                                | +325                                                         | -200 to +260                                                                                                           |                                                                                                     | 20                                                                                                               | 300                                                                                                         |                                                                                                                      |
|               | Qual. PA 6 BK (010) |                                                                                                           | 1,08                                                |                                                |                                                                                                                                | +215                                                         | -40 to +120                                                                                                            |                                                                                                     | 35                                                                                                               | 240                                                                                                         |                                                                                                                      |
|               | Qual. PP BK (010)   |                                                                                                           | 0,92                                                |                                                |                                                                                                                                | +160                                                         | -40 to +90                                                                                                             |                                                                                                     | 30                                                                                                               | 500                                                                                                         |                                                                                                                      |
|               | Qual. PE NL (018)   |                                                                                                           | 0,90                                                |                                                |                                                                                                                                | +112                                                         | -50 to +85                                                                                                             |                                                                                                     | 12                                                                                                               | 550                                                                                                         |                                                                                                                      |
|               | Qual. PE BK (010)   |                                                                                                           | 0,95                                                |                                                |                                                                                                                                | +112                                                         | -50 to +85                                                                                                             |                                                                                                     | 12                                                                                                               | 550                                                                                                         |                                                                                                                      |
|               | Qual. PE WH (001)   |                                                                                                           | 0,97                                                |                                                |                                                                                                                                | +112                                                         | -50 to +75                                                                                                             |                                                                                                     | 12                                                                                                               | 400                                                                                                         |                                                                                                                      |
| PLIOSIL       | PET                 | A6/1                                                                                                      | 1,38                                                |                                                |                                                                                                                                | 260                                                          | -50 to +130                                                                                                            |                                                                                                     |                                                                                                                  | 28                                                                                                          |                                                                                                                      |
|               | PA 6.6              | A6/2                                                                                                      | 1,14                                                |                                                |                                                                                                                                | 258                                                          | -55 to +135                                                                                                            |                                                                                                     |                                                                                                                  | 25                                                                                                          |                                                                                                                      |
| ELECTROFLEX   | normal BK (010)     | A7/1                                                                                                      |                                                     |                                                |                                                                                                                                |                                                              | -20 to +60                                                                                                             |                                                                                                     | 2 to 7,5                                                                                                         | 85 to 100                                                                                                   |                                                                                                                      |
|               | calor BU (002)      |                                                                                                           |                                                     |                                                |                                                                                                                                |                                                              | -10 to +90                                                                                                             |                                                                                                     | 2 to 7,5                                                                                                         | 85 to 100                                                                                                   |                                                                                                                      |
|               | oil GH (003)        |                                                                                                           |                                                     |                                                |                                                                                                                                |                                                              | -20 to +60                                                                                                             |                                                                                                     | 11,8                                                                                                             | 285                                                                                                         |                                                                                                                      |
| POLYFLEX      | PA 6                | A7/3                                                                                                      |                                                     |                                                |                                                                                                                                |                                                              | -40 to +120                                                                                                            |                                                                                                     | 40-70                                                                                                            |                                                                                                             |                                                                                                                      |
| HELAVIA       | Polychloropren      | A20                                                                                                       |                                                     | 40 to 60                                       |                                                                                                                                |                                                              | -30 to +90                                                                                                             |                                                                                                     | > 6                                                                                                              | > 500                                                                                                       | - 30                                                                                                                 |
|               | Nitrile             |                                                                                                           |                                                     | 60 ±5                                          |                                                                                                                                |                                                              | -25 to -100                                                                                                            |                                                                                                     | > 12                                                                                                             | > 500                                                                                                       | - 25                                                                                                                 |
|               | EPDM                |                                                                                                           |                                                     | 50 to 80                                       |                                                                                                                                |                                                              | -25 to +100                                                                                                            |                                                                                                     | > 8                                                                                                              | > 200                                                                                                       | - 25                                                                                                                 |
| PLIOPRENE     | TPE                 | A21                                                                                                       | 1,0                                                 | 60 ±5                                          |                                                                                                                                |                                                              | -50 to +125                                                                                                            |                                                                                                     | > 4,5                                                                                                            | > 300                                                                                                       |                                                                                                                      |
|               | TPE extra flexible  |                                                                                                           | 0,9                                                 | 40-45                                          |                                                                                                                                |                                                              | -40 to +70                                                                                                             |                                                                                                     | 8                                                                                                                | 600                                                                                                         |                                                                                                                      |
| PLIO          | PVC 9542            | A22/1.5                                                                                                   | 1,2                                                 | 60 ±5                                          |                                                                                                                                |                                                              | ≤ +70                                                                                                                  |                                                                                                     | 10                                                                                                               | > 350                                                                                                       | -30                                                                                                                  |
|               | PVC 9641            | A22/10&11                                                                                                 |                                                     | 70 ±5                                          |                                                                                                                                |                                                              | ≤ +75                                                                                                                  |                                                                                                     | 13                                                                                                               | 350                                                                                                         | -25                                                                                                                  |
| DM            | PA 6                | A22/20                                                                                                    | 1,13                                                |                                                |                                                                                                                                |                                                              | +70 continuous<br>+120 peak                                                                                            |                                                                                                     | 50                                                                                                               | 45                                                                                                          | -20                                                                                                                  |
| PLIO Pliocap  | PE                  | A22/6                                                                                                     | 0,92                                                |                                                |                                                                                                                                |                                                              | -50 to +85                                                                                                             |                                                                                                     | 11                                                                                                               | > 200                                                                                                       |                                                                                                                      |
| PLIO Caps     | PP                  | A22/6                                                                                                     | 0,90                                                |                                                |                                                                                                                                |                                                              | -40 to +85                                                                                                             |                                                                                                     | 28                                                                                                               | 12                                                                                                          |                                                                                                                      |
|               | PVC                 | A22/30                                                                                                    | 1,20                                                |                                                |                                                                                                                                |                                                              | -25 to +75                                                                                                             |                                                                                                     | 13                                                                                                               | 350                                                                                                         |                                                                                                                      |
|               | PE                  | A22/30                                                                                                    | 0,92                                                |                                                |                                                                                                                                |                                                              | -50 to +85                                                                                                             |                                                                                                     | 11                                                                                                               | > 200                                                                                                       |                                                                                                                      |
|               | PA6/6               | A22/30                                                                                                    | 1,14                                                |                                                |                                                                                                                                |                                                              | -40 to +110                                                                                                            |                                                                                                     | 65                                                                                                               | 300                                                                                                         |                                                                                                                      |
|               | PA6                 | A22/30                                                                                                    | 1,13                                                |                                                |                                                                                                                                |                                                              | -20 to +70                                                                                                             |                                                                                                     | 50                                                                                                               | > 50                                                                                                        |                                                                                                                      |
|               | PP                  | A22/30                                                                                                    | 0,90                                                |                                                |                                                                                                                                |                                                              | -25 to +90                                                                                                             |                                                                                                     | 26                                                                                                               | 8                                                                                                           |                                                                                                                      |
| PLIOBORD      | PE standard         | A23/1                                                                                                     | 0,92                                                |                                                |                                                                                                                                |                                                              | -50 to +85                                                                                                             |                                                                                                     | > 12                                                                                                             | > 550                                                                                                       | -50                                                                                                                  |
|               | PE non flammable    | A23/1                                                                                                     | 0,97                                                |                                                |                                                                                                                                |                                                              | -50 to +75                                                                                                             |                                                                                                     | > 10                                                                                                             | > 600                                                                                                       |                                                                                                                      |
| A 720         | A 720               | A23/2-3                                                                                                   |                                                     |                                                |                                                                                                                                |                                                              | +105<br>continuous                                                                                                     | +130                                                                                                |                                                                                                                  |                                                                                                             | -55                                                                                                                  |
| SI-303        | Silicone            | A23/2-3                                                                                                   | 1,17                                                |                                                |                                                                                                                                |                                                              | -70 to +250                                                                                                            |                                                                                                     |                                                                                                                  | > 400                                                                                                       |                                                                                                                      |
| PLIOPLAST     | PLIOPLAST 15        | A23/4                                                                                                     |                                                     |                                                |                                                                                                                                |                                                              |                                                                                                                        |                                                                                                     | > 2,8                                                                                                            | > 150                                                                                                       |                                                                                                                      |
|               | PLIOPLAST 18        |                                                                                                           |                                                     |                                                |                                                                                                                                |                                                              |                                                                                                                        |                                                                                                     | > 3,5                                                                                                            | > 250                                                                                                       |                                                                                                                      |
|               | PLIOPLAST 25        |                                                                                                           |                                                     |                                                |                                                                                                                                |                                                              | -18 to +80                                                                                                             |                                                                                                     | > 5,4                                                                                                            | > 175                                                                                                       |                                                                                                                      |





|                                           |                                                   | Pages du catalogue<br>Katalogseite<br>Catalogue pages<br>Páginas in de catalogus<br>Páginas del catálogo | Résistivité transversale<br>Durchgangswiderstand<br>Volume resistivity<br>Dwarsweerstand<br>Resistividad transversal | Constante diélectrique<br>Dielektrischer Faktor<br>Dielectric constant<br>Dielectrische constante<br>Constante dieléctrica | Rigidité diélectrique<br>Durchschlagfestigkeit<br>Dielectric strenght<br>Dielectrische constante<br>Rigidez dieléctrica | Tenue à la flamme<br>Brandverhalten<br>Flame resistance<br>Brandbestendigheid<br>Comport. ante llama | Corrosivité / Korrosion<br>Corrosion / Corrosiegedrag<br>Corrosividad | Absorption d'eau / Wasseraufnahme<br>Water Absorption / Vochtabsorptie<br>Absorción de agua | Indice d'oxygène / Sauerstoffindex<br>Limiting oxygen index (LOI)<br>Zuurstofindex / Índice de oxígeno |
|-------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                           |                                                   |                                                                                                          | Ohm x cm                                                                                                             |                                                                                                                            | kV/mm                                                                                                                   |                                                                                                      |                                                                       | %                                                                                           | %                                                                                                      |
| HELAVIA                                   | Qual. 3490                                        | A1/1 A2/1                                                                                                | 4 x 10 <sup>9</sup>                                                                                                  |                                                                                                                            | > 13                                                                                                                    | UL 94-V0/M3                                                                                          |                                                                       |                                                                                             | 28                                                                                                     |
| SILAVIA                                   | Qual. 2412                                        | A1/3 A2/2                                                                                                | 10 <sup>15</sup>                                                                                                     |                                                                                                                            | 18                                                                                                                      |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIO-SUPER                                | Qual. 9923                                        | A3/1 A3/2                                                                                                | to 20°C : 3x10 <sup>12</sup>                                                                                         |                                                                                                                            | 20                                                                                                                      | UL94-V2                                                                                              |                                                                       |                                                                                             |                                                                                                        |
| PLIO-HT                                   | Qual. 9861                                        | A3/5-6                                                                                                   |                                                                                                                      |                                                                                                                            | > 20                                                                                                                    | UL94-V0                                                                                              |                                                                       |                                                                                             |                                                                                                        |
| PLIO-BT                                   | Qual. 9863                                        | A3/5-6                                                                                                   |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIO Tube                                 | Qual. 9832                                        | A3/7                                                                                                     | to 20°C : 1x10 <sup>13</sup>                                                                                         |                                                                                                                            | > 20                                                                                                                    |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIO INDUS.                               | Qual. 9836-10                                     | A3/8                                                                                                     |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIO-R & R-VJ                             | Qual. 9901                                        | A4/1                                                                                                     | 10 <sup>12</sup>                                                                                                     |                                                                                                                            | 20                                                                                                                      | UL94-V0                                                                                              |                                                                       | 0,2                                                                                         |                                                                                                        |
| PLIOFINE                                  | SAM                                               | A4/4                                                                                                     | > 10 <sup>14</sup>                                                                                                   |                                                                                                                            | > 20                                                                                                                    | VW-UL 224<br>self-extinguishing<br>except transparent                                                |                                                                       | ≤ 0,2                                                                                       |                                                                                                        |
|                                           | B                                                 | A4/7                                                                                                     | 10 <sup>15</sup>                                                                                                     |                                                                                                                            | 25                                                                                                                      |                                                                                                      |                                                                       | ≤ 0,5                                                                                       |                                                                                                        |
|                                           | B-EX                                              | A4/9                                                                                                     | 10 <sup>14</sup>                                                                                                     |                                                                                                                            | 20                                                                                                                      |                                                                                                      |                                                                       | ≤ 0,5                                                                                       |                                                                                                        |
|                                           | BX-VJ                                             | A4/11                                                                                                    | 10 <sup>14</sup>                                                                                                     |                                                                                                                            | 20                                                                                                                      |                                                                                                      |                                                                       | ≤ 0,5                                                                                       |                                                                                                        |
|                                           | AD-UL3                                            | A4/12                                                                                                    | 10 <sup>10</sup>                                                                                                     |                                                                                                                            | 16                                                                                                                      |                                                                                                      |                                                                       | ≤ 1,0                                                                                       |                                                                                                        |
| PLIOSPIRE                                 | Qual. PVC 9921                                    | A5                                                                                                       |                                                                                                                      | 4                                                                                                                          | 20                                                                                                                      | UL94-V0<br>HB                                                                                        |                                                                       | 0                                                                                           | 0,1                                                                                                    |
|                                           | Qual. PTFE                                        |                                                                                                          |                                                                                                                      | 2,0                                                                                                                        | 50                                                                                                                      |                                                                                                      |                                                                       | 2                                                                                           |                                                                                                        |
|                                           | Qual. PA 6 BK (010)                               |                                                                                                          |                                                                                                                      | 3,7                                                                                                                        | 16                                                                                                                      |                                                                                                      |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | Qual. PP BK (010)                                 |                                                                                                          |                                                                                                                      | 2,5                                                                                                                        | > 25                                                                                                                    | UL94-V2                                                                                              |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | Qual. PE NL (018)                                 |                                                                                                          |                                                                                                                      | 2,2                                                                                                                        | > 25                                                                                                                    |                                                                                                      |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | Qual. PE BK (010)                                 |                                                                                                          |                                                                                                                      | 2,2                                                                                                                        | > 25                                                                                                                    |                                                                                                      |                                                                       | < 0,1                                                                                       |                                                                                                        |
| PLIOSIL                                   | Qual. PE WH (001)                                 |                                                                                                          |                                                                                                                      | 2,2                                                                                                                        | > 25                                                                                                                    |                                                                                                      |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           |                                                   |                                                                                                          |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIOSIL                                   | PET<br>PA 6.6                                     | A6/1<br>A6/2                                                                                             |                                                                                                                      |                                                                                                                            |                                                                                                                         | UL94-V2                                                                                              |                                                                       |                                                                                             | 27,5<br>26,5                                                                                           |
| ELECTROFLEX                               | normal BK (010)<br>calor BU (002)<br>oil GH (003) | A7/1                                                                                                     |                                                                                                                      |                                                                                                                            | 4<br>4<br>4                                                                                                             | UL94-V0<br>UL94-V0                                                                                   |                                                                       |                                                                                             |                                                                                                        |
| POLYFLEX                                  | PA 6                                              | A7/3                                                                                                     | 10 <sup>12</sup>                                                                                                     |                                                                                                                            |                                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| HELAVIA                                   | Polychloropren<br>Nitrile<br>EPDM                 | A20                                                                                                      | > 4x10 <sup>8</sup><br>10 <sup>10</sup>                                                                              |                                                                                                                            | > 13<br>12 max.                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIOPRENE                                 | PLIOPRENE TPE                                     | A21                                                                                                      | 9 x 10 <sup>14</sup>                                                                                                 |                                                                                                                            | 35                                                                                                                      |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
|                                           | PLIOPRENE TPE extra souple                        |                                                                                                          | 10 <sup>14</sup>                                                                                                     |                                                                                                                            | 30                                                                                                                      |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIO                                      | PVC 9542                                          | A22/1.5                                                                                                  | 10 <sup>13</sup>                                                                                                     |                                                                                                                            | > 20                                                                                                                    | UL94-HB                                                                                              |                                                                       |                                                                                             |                                                                                                        |
|                                           | PVC 9641                                          | A22/10 & 11                                                                                              |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| DM                                        | PA 6                                              | A22/20                                                                                                   | 10 <sup>13</sup>                                                                                                     | 3,2                                                                                                                        | 50                                                                                                                      | UL94-V2                                                                                              |                                                                       | 2,5                                                                                         |                                                                                                        |
| PLIO Passe-fils Pliocap<br>PLIO Capuchons | PE                                                | A22/6                                                                                                    | 10 <sup>16</sup>                                                                                                     |                                                                                                                            | > 16                                                                                                                    | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | PP                                                | A22/6                                                                                                    | 10 <sup>16</sup>                                                                                                     |                                                                                                                            | > 20                                                                                                                    | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | PVC                                               | A22/30                                                                                                   | 10 <sup>13</sup>                                                                                                     |                                                                                                                            | > 20                                                                                                                    | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | PE                                                | A22/30                                                                                                   | 10 <sup>16</sup>                                                                                                     |                                                                                                                            | > 16                                                                                                                    | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | PA6/6                                             | A22/30                                                                                                   | 10 <sup>14</sup>                                                                                                     |                                                                                                                            | 26                                                                                                                      | UL94-V2                                                                                              |                                                                       | 2,5                                                                                         |                                                                                                        |
|                                           | PA6                                               | A22/30                                                                                                   | 10 <sup>12</sup>                                                                                                     |                                                                                                                            | 60                                                                                                                      | UL94-V2                                                                                              |                                                                       | -                                                                                           |                                                                                                        |
|                                           | PP                                                | A22/30                                                                                                   | > 10 <sup>17</sup>                                                                                                   |                                                                                                                            | 50                                                                                                                      | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
| PLIOBORD                                  | PE standard                                       | A23/1                                                                                                    | 10 <sup>17</sup>                                                                                                     | 2,2                                                                                                                        | 60                                                                                                                      | -                                                                                                    |                                                                       | < 0,1                                                                                       |                                                                                                        |
|                                           | PE non inflammable                                |                                                                                                          | 10 <sup>17</sup>                                                                                                     | 2,2                                                                                                                        | 60                                                                                                                      | UL94-V2                                                                                              |                                                                       | < 0,1                                                                                       |                                                                                                        |
| A 720                                     | A 720                                             | A23/2-3                                                                                                  |                                                                                                                      |                                                                                                                            | 30                                                                                                                      |                                                                                                      | Nulle T°<br>lim. util.                                                |                                                                                             |                                                                                                        |
| SI-303                                    | Silicone                                          | A23/2-3                                                                                                  | 10 <sup>15</sup>                                                                                                     | 2,9                                                                                                                        | 16                                                                                                                      |                                                                                                      |                                                                       |                                                                                             |                                                                                                        |
| PLIOPLAST                                 | PLIOPLAST 15                                      | A23/4                                                                                                    |                                                                                                                      |                                                                                                                            |                                                                                                                         | self-extinguishing                                                                                   | 1                                                                     |                                                                                             |                                                                                                        |
|                                           | PLIOPLAST 18                                      |                                                                                                          |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      | 1                                                                     |                                                                                             |                                                                                                        |
|                                           | PLIOPLAST 25                                      |                                                                                                          |                                                                                                                      |                                                                                                                            |                                                                                                                         |                                                                                                      | 1                                                                     |                                                                                             |                                                                                                        |

