

H7006 UF 15 bar

One End Reinforced Submarine Hose

CONSTRUCTION

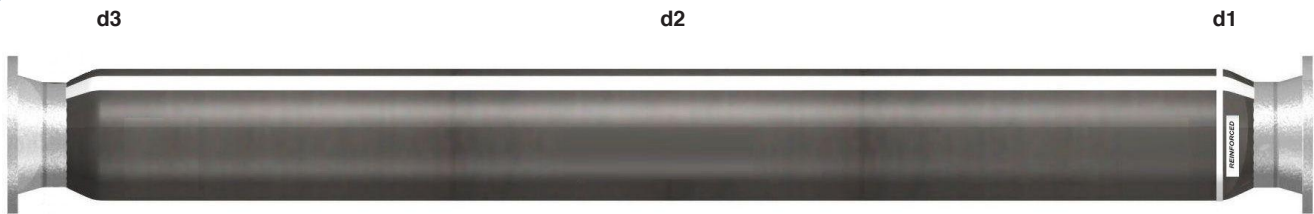
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 278 | 225 | 271 | 150 x 9,1 | 388 | 561 | 540 | 383 | 178 | 157 |
| 150 | 278 | 225 | 271 | 150 x 10,7 | 438 | 640 | 616 | 445 | 195 | 170 |
| 150 | 278 | 225 | 271 | 150 x 12,2 | 488 | 719 | 691 | 507 | 212 | 184 |
| 200 | 359 | 294 | 344 | 200 x 9,1 | 612 | 922 | 884 | 652 | 269 | 232 |
| 200 | 359 | 294 | 344 | 200 x 10,7 | 693 | 1054 | 1010 | 758 | 296 | 252 |
| 200 | 359 | 294 | 344 | 200 x 12,2 | 775 | 1187 | 1137 | 864 | 323 | 273 |
| 250 | 419 | 352 | 404 | 250 x 9,1 | 830 | 1317 | 1257 | 932 | 385 | 325 |
| 250 | 419 | 352 | 404 | 250 x 10,7 | 941 | 1508 | 1439 | 1084 | 424 | 355 |
| 250 | 419 | 352 | 404 | 250 x 12,2 | 1051 | 1700 | 1621 | 1235 | 464 | 385 |
| 300 | 470 | 404 | 455 | 300 x 9,1 | 981 | 1675 | 1590 | 1224 | 451 | 367 |
| 300 | 470 | 404 | 455 | 300 x 10,7 | 1109 | 1918 | 1819 | 1424 | 494 | 396 |
| 300 | 470 | 404 | 455 | 300 x 12,2 | 1237 | 2162 | 2049 | 1624 | 538 | 425 |
| 400 | 593 | 518 | 578 | 400 x 9,1 | 1592 | 2703 | 2568 | 2006 | 697 | 562 |
| 400 | 593 | 518 | 578 | 400 x 10,7 | 1802 | 3098 | 2940 | 2335 | 764 | 606 |
| 400 | 593 | 518 | 578 | 400 x 12,2 | 2012 | 3494 | 3313 | 2663 | 831 | 650 |
| 500 | 707 | 626 | 684 | 500 x 9,1 | 2191 | 3959 | 3743 | 2926 | 1033 | 818 |
| 500 | 707 | 626 | 684 | 500 x 10,7 | 2475 | 4537 | 4286 | 3406 | 1131 | 880 |
| 500 | 707 | 626 | 684 | 500 x 12,2 | 2760 | 5116 | 4829 | 3887 | 1230 | 942 |
| 600 | 835 | 742 | 805 | 600 x 9,1 | 2998 | 5578 | 5263 | 4110 | 1468 | 1153 |
| 600 | 835 | 742 | 805 | 600 x 10,7 | 3380 | 6390 | 6023 | 4785 | 1605 | 1238 |
| 600 | 835 | 742 | 805 | 600 x 12,2 | 3762 | 7202 | 6783 | 5461 | 1742 | 1322 |

H7006 UF 19 bar

One End Reinforced Submarine Hose

CONSTRUCTION

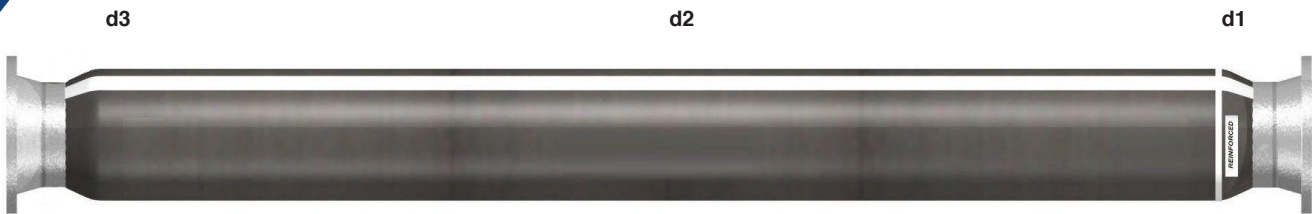
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 233 | 278 | 150 x 9,1 | 411 | 585 | 564 | 409 | 175 | 154 |
| 150 | 286 | 233 | 278 | 150 x 10,7 | 466 | 668 | 643 | 476 | 192 | 168 |
| 150 | 286 | 233 | 278 | 150 x 12,2 | 520 | 751 | 723 | 542 | 209 | 181 |
| 200 | 359 | 294 | 344 | 200 x 9,1 | 627 | 936 | 898 | 652 | 284 | 246 |
| 200 | 359 | 294 | 344 | 200 x 10,7 | 709 | 1070 | 1026 | 758 | 312 | 268 |
| 200 | 359 | 294 | 344 | 200 x 12,2 | 793 | 1205 | 1155 | 864 | 341 | 291 |
| 250 | 419 | 352 | 404 | 250 x 9,1 | 848 | 1334 | 1275 | 932 | 402 | 343 |
| 250 | 419 | 352 | 404 | 250 x 10,7 | 960 | 1528 | 1458 | 1084 | 444 | 375 |
| 250 | 419 | 352 | 404 | 250 x 12,2 | 1073 | 1722 | 1643 | 1235 | 486 | 407 |
| 300 | 478 | 411 | 463 | 300 x 9,1 | 1010 | 1704 | 1619 | 1270 | 434 | 350 |
| 300 | 478 | 411 | 463 | 300 x 10,7 | 1143 | 1953 | 1854 | 1477 | 475 | 377 |
| 300 | 478 | 411 | 463 | 300 x 12,2 | 1277 | 2202 | 2089 | 1685 | 517 | 404 |
| 400 | 593 | 518 | 578 | 400 x 9,1 | 1592 | 2703 | 2567 | 2006 | 697 | 561 |
| 400 | 593 | 518 | 578 | 400 x 10,7 | 1802 | 3098 | 2940 | 2335 | 764 | 606 |
| 400 | 593 | 518 | 578 | 400 x 12,2 | 2012 | 3494 | 3313 | 2663 | 830 | 650 |
| 500 | 722 | 633 | 699 | 500 x 9,1 | 2311 | 4079 | 3863 | 3001 | 1077 | 862 |
| 500 | 722 | 633 | 699 | 500 x 10,7 | 2610 | 4672 | 4421 | 3494 | 1179 | 927 |
| 500 | 722 | 633 | 699 | 500 x 12,2 | 2909 | 5266 | 4978 | 3986 | 1280 | 993 |
| 600 | 843 | 750 | 812 | 600 x 9,1 | 3100 | 5680 | 5366 | 4194 | 1486 | 1172 |
| 600 | 843 | 750 | 812 | 600 x 10,7 | 3500 | 6510 | 6143 | 4883 | 1627 | 1260 |
| 600 | 843 | 750 | 812 | 600 x 12,2 | 3900 | 7340 | 6920 | 5573 | 1767 | 1348 |

H7006 UF 21 bar

One End Reinforced Submarine Hose

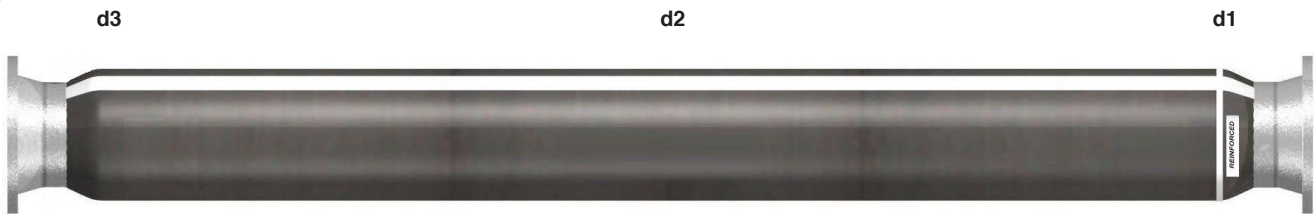
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 233 | 278 | 150 x 9,1 | 411 | 585 | 564 | 409 | 175 | 154 |
| 150 | 286 | 233 | 278 | 150 x 10,7 | 466 | 668 | 643 | 476 | 192 | 168 |
| 150 | 286 | 233 | 278 | 150 x 12,2 | 520 | 751 | 723 | 542 | 209 | 181 |
| 200 | 359 | 294 | 344 | 200 x 9,1 | 627 | 936 | 898 | 652 | 284 | 246 |
| 200 | 359 | 294 | 344 | 200 x 10,7 | 709 | 1070 | 1026 | 758 | 312 | 268 |
| 200 | 359 | 294 | 344 | 200 x 12,2 | 793 | 1205 | 1155 | 864 | 341 | 291 |
| 250 | 427 | 359 | 412 | 250 x 9,1 | 875 | 1361 | 1302 | 972 | 389 | 330 |
| 250 | 427 | 359 | 412 | 250 x 10,7 | 993 | 1560 | 1491 | 1131 | 430 | 360 |
| 250 | 427 | 359 | 412 | 250 x 12,2 | 1111 | 1759 | 1680 | 1289 | 470 | 391 |
| 300 | 478 | 411 | 463 | 300 x 9,1 | 1038 | 1732 | 1647 | 1270 | 462 | 377 |
| 300 | 478 | 411 | 463 | 300 x 10,7 | 1175 | 1984 | 1886 | 1477 | 507 | 408 |
| 300 | 478 | 411 | 463 | 300 x 12,2 | 1313 | 2238 | 2125 | 1685 | 553 | 440 |
| 400 | 608 | 525 | 593 | 400 x 9,1 | 1688 | 2799 | 2664 | 2069 | 731 | 595 |
| 400 | 608 | 525 | 593 | 400 x 10,7 | 1911 | 3207 | 3049 | 2407 | 800 | 642 |
| 400 | 608 | 525 | 593 | 400 x 12,2 | 2133 | 3614 | 3434 | 2745 | 869 | 688 |
| 500 | 729 | 641 | 707 | 500 x 9,1 | 2399 | 4166 | 3951 | 3073 | 1093 | 877 |
| 500 | 729 | 641 | 707 | 500 x 10,7 | 2712 | 4774 | 4523 | 3577 | 1197 | 946 |
| 500 | 729 | 641 | 707 | 500 x 12,2 | 3026 | 5383 | 5095 | 4081 | 1301 | 1014 |
| 600 | 858 | 757 | 828 | 600 x 9,1 | 3239 | 5819 | 5505 | 4284 | 1535 | 1220 |
| 600 | 858 | 757 | 828 | 600 x 10,7 | 3657 | 6667 | 6300 | 4988 | 1679 | 1312 |
| 600 | 858 | 757 | 828 | 600 x 12,2 | 4074 | 7514 | 7094 | 5691 | 1823 | 1403 |

H7070 UF 15 bar

Mainline Submarine Hose

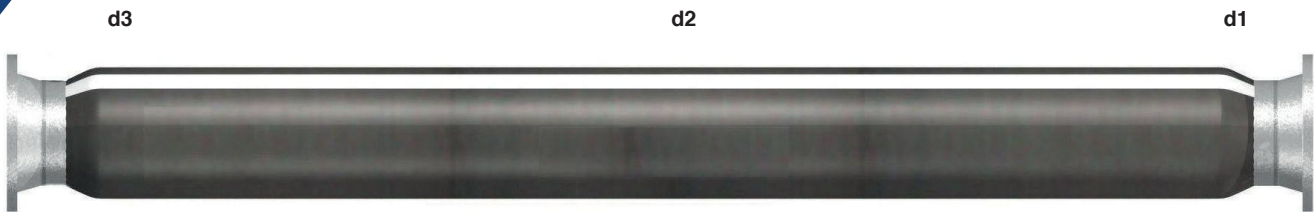
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 271 | 221 | 271 | 150 x 9,1 | 361 | 535 | 514 | 371 | 164 | 143 |
| 150 | 271 | 221 | 271 | 150 x 10,7 | 407 | 610 | 585 | 431 | 179 | 154 |
| 150 | 271 | 221 | 271 | 150 x 12,2 | 453 | 684 | 656 | 491 | 194 | 166 |
| 200 | 344 | 286 | 344 | 200 x 9,1 | 558 | 868 | 830 | 619 | 248 | 211 |
| 200 | 344 | 286 | 344 | 200 x 10,7 | 631 | 992 | 948 | 720 | 273 | 229 |
| 200 | 344 | 286 | 344 | 200 x 12,2 | 704 | 1117 | 1067 | 820 | 297 | 246 |
| 250 | 404 | 344 | 404 | 250 x 9,1 | 767 | 1254 | 1194 | 892 | 361 | 302 |
| 250 | 404 | 344 | 404 | 250 x 10,7 | 868 | 1435 | 1366 | 1038 | 398 | 328 |
| 250 | 404 | 344 | 404 | 250 x 12,2 | 969 | 1617 | 1538 | 1183 | 434 | 355 |
| 300 | 455 | 396 | 455 | 300 x 9,1 | 917 | 1611 | 1526 | 1179 | 432 | 348 |
| 300 | 455 | 396 | 455 | 300 x 10,7 | 1035 | 1845 | 1746 | 1371 | 474 | 375 |
| 300 | 455 | 396 | 455 | 300 x 12,2 | 1153 | 2078 | 1966 | 1564 | 515 | 402 |
| 400 | 574 | 503 | 574 | 400 x 9,1 | 1406 | 2517 | 2381 | 1900 | 617 | 482 |
| 400 | 574 | 503 | 574 | 400 x 10,7 | 1585 | 2881 | 2723 | 2210 | 671 | 513 |
| 400 | 574 | 503 | 574 | 400 x 12,2 | 1765 | 3246 | 3065 | 2521 | 725 | 544 |
| 500 | 680 | 608 | 680 | 500 x 9,1 | 1911 | 3678 | 3463 | 2763 | 916 | 700 |
| 500 | 680 | 608 | 680 | 500 x 10,7 | 2148 | 4210 | 3959 | 3216 | 995 | 743 |
| 500 | 680 | 608 | 680 | 500 x 12,2 | 2386 | 4742 | 4455 | 3669 | 1073 | 786 |
| 600 | 799 | 718 | 799 | 600 x 9,1 | 2531 | 5111 | 4796 | 3854 | 1257 | 942 |
| 600 | 799 | 718 | 799 | 600 x 10,7 | 2835 | 5845 | 5478 | 4487 | 1358 | 991 |
| 600 | 799 | 718 | 799 | 600 x 12,2 | 3140 | 6580 | 6161 | 5120 | 1460 | 1041 |

H7070 UF 19 bar

Mainline Submarine Hose

CONSTRUCTION

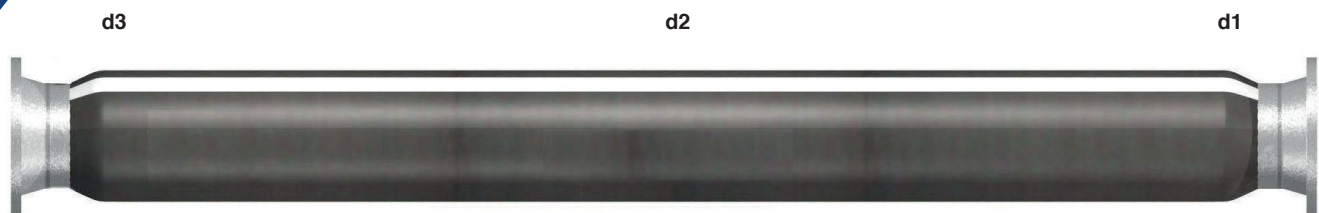
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | < | 229 | 278 | 150 x 9,1 | 384 | 558 | 537 | 396 | 162 | 141 |
| 150 | 278 | 229 | 278 | 150 x 10,7 | 434 | 637 | 612 | 460 | 176 | 152 |
| 150 | 278 | 229 | 278 | 150 x 12,2 | 484 | 716 | 687 | 525 | 191 | 163 |
| 200 | 344 | 286 | 344 | 200 x 9,1 | 573 | 882 | 844 | 619 | 263 | 225 |
| 200 | 344 | 286 | 344 | 200 x 10,7 | 648 | 1009 | 965 | 720 | 289 | 245 |
| 200 | 344 | 286 | 344 | 200 x 12,2 | 722 | 1135 | 1085 | 820 | 315 | 264 |
| 250 | 404 | 344 | 404 | 250 x 9,1 | 785 | 1271 | 1212 | 892 | 379 | 319 |
| 250 | 404 | 344 | 404 | 250 x 10,7 | 888 | 1455 | 1386 | 1038 | 417 | 348 |
| 250 | 404 | 344 | 404 | 250 x 12,2 | 991 | 1639 | 1560 | 1183 | 456 | 377 |
| 300 | 463 | 404 | 463 | 300 x 9,1 | 945 | 1639 | 1555 | 1224 | 415 | 331 |
| 300 | 463 | 404 | 463 | 300 x 10,7 | 1069 | 1878 | 1780 | 1424 | 455 | 356 |
| 300 | 463 | 404 | 463 | 300 x 12,2 | 1193 | 2118 | 2005 | 1624 | 494 | 381 |
| 400 | 574 | 503 | 574 | 400 x 9,1 | 1406 | 2517 | 2381 | 1900 | 617 | 482 |
| 400 | 574 | 503 | 574 | 400 x 10,7 | 1585 | 2881 | 2723 | 2210 | 671 | 513 |
| 400 | 574 | 503 | 574 | 400 x 12,2 | 1765 | 3246 | 3065 | 2521 | 725 | 544 |
| 500 | 695 | 615 | 695 | 500 x 9,1 | 2026 | 3794 | 3578 | 2836 | 957 | 742 |
| 500 | 695 | 615 | 695 | 500 x 10,7 | 2278 | 4340 | 4088 | 3301 | 1039 | 787 |
| 500 | 695 | 615 | 695 | 500 x 12,2 | 2529 | 4885 | 4598 | 3765 | 1120 | 833 |
| 600 | 806 | 726 | 806 | 600 x 9,1 | 2629 | 5208 | 4894 | 3935 | 1273 | 958 |
| 600 | 806 | 726 | 806 | 600 x 10,7 | 2950 | 5960 | 5593 | 4582 | 1378 | 1011 |
| 600 | 806 | 726 | 806 | 600 x 12,2 | 3271 | 6711 | 6291 | 5228 | 1483 | 1063 |

H7070 UF 21 bar

Mainline Submarine Hose

CONSTRUCTION

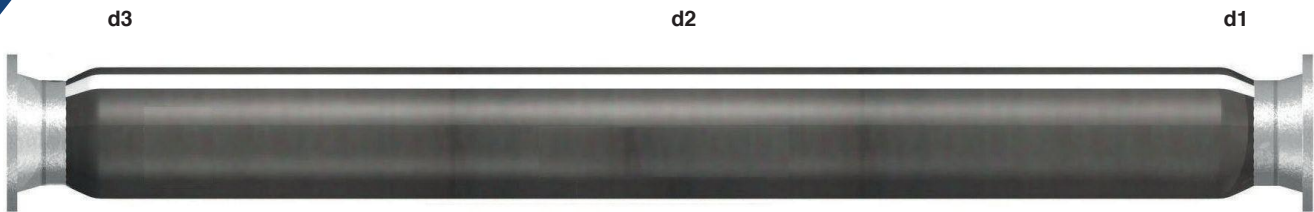
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 278 | 229 | 278 | 150 x 9,1 | 384 | 558 | 537 | 396 | 162 | 141 |
| 150 | 278 | 229 | 278 | 150 x 10,7 | 434 | 637 | 612 | 460 | 176 | 152 |
| 150 | 278 | 229 | 278 | 150 x 12,2 | 484 | 716 | 687 | 525 | 191 | 163 |
| 200 | 344 | 286 | 344 | 200 x 9,1 | 573 | 882 | 844 | 619 | 263 | 225 |
| 200 | 344 | 286 | 344 | 200 x 10,7 | 648 | 1009 | 965 | 720 | 289 | 245 |
| 200 | 344 | 286 | 344 | 200 x 12,2 | 722 | 1135 | 1085 | 820 | 315 | 264 |
| 250 | 412 | 352 | 412 | 250 x 9,1 | 811 | 1297 | 1238 | 932 | 366 | 306 |
| 250 | 412 | 352 | 412 | 250 x 10,7 | 920 | 1487 | 1418 | 1084 | 403 | 334 |
| 250 | 412 | 352 | 412 | 250 x 12,2 | 1028 | 1676 | 1597 | 1235 | 441 | 361 |
| 300 | 463 | 404 | 463 | 300 x 9,1 | 973 | 1667 | 1582 | 1224 | 443 | 359 |
| 300 | 463 | 404 | 463 | 300 x 10,7 | 1101 | 1910 | 1811 | 1424 | 486 | 388 |
| 300 | 463 | 404 | 463 | 300 x 12,2 | 1228 | 2153 | 2040 | 1624 | 529 | 417 |
| 400 | 589 | 511 | 589 | 400 x 9,1 | 1498 | 2609 | 2474 | 1961 | 649 | 513 |
| 400 | 589 | 511 | 589 | 400 x 10,7 | 1689 | 2985 | 2827 | 2281 | 704 | 546 |
| 400 | 589 | 511 | 589 | 400 x 12,2 | 1880 | 3362 | 3181 | 2601 | 760 | 580 |
| 500 | 703 | 623 | 703 | 500 x 9,1 | 2111 | 3878 | 3663 | 2906 | 972 | 757 |
| 500 | 703 | 623 | 703 | 500 x 10,7 | 2376 | 4438 | 4187 | 3382 | 1056 | 805 |
| 500 | 703 | 623 | 703 | 500 x 12,2 | 2642 | 4998 | 4711 | 3858 | 1140 | 853 |
| 600 | 822 | 733 | 822 | 600 x 9,1 | 2761 | 5341 | 5026 | 4023 | 1318 | 1003 |
| 600 | 822 | 733 | 822 | 600 x 10,7 | 3099 | 6109 | 5742 | 4683 | 1426 | 1059 |
| 600 | 822 | 733 | 822 | 600 x 12,2 | 3437 | 6877 | 6457 | 5343 | 1534 | 1114 |

H7272 UF 15 bar

Reducer Submarine Hose

CONSTRUCTION

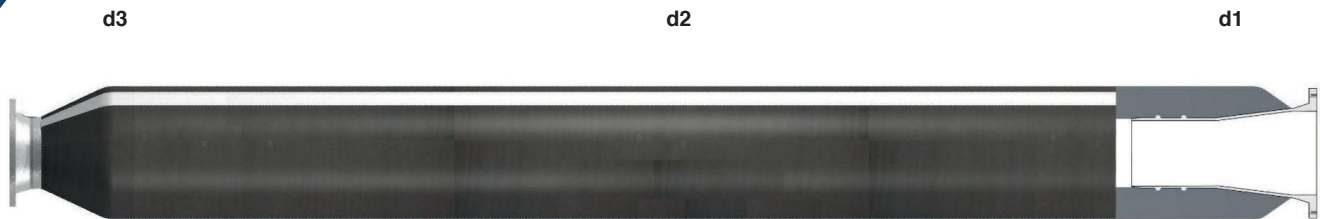
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|----------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 200/150 | 278 | 225 | 271 | 200/150 x 9,1 | 406 | 579 | 558 | 383 | 196 | 175 |
| 200/150 | 278 | 225 | 271 | 200/150 x 10,7 | 456 | 658 | 634 | 445 | 213 | 188 |
| 200/150 | 278 | 225 | 271 | 200/150 x 12,2 | 506 | 738 | 709 | 507 | 230 | 202 |
| 250/200 | 359 | 294 | 344 | 250/200 x 9,1 | 636 | 945 | 907 | 652 | 293 | 255 |
| 250/200 | 359 | 294 | 344 | 250/200 x 10,7 | 717 | 1078 | 1034 | 758 | 319 | 275 |
| 250/200 | 359 | 294 | 344 | 250/200 x 12,2 | 798 | 1211 | 1160 | 864 | 347 | 296 |
| 300/250 | 419 | 352 | 404 | 300/250 x 9,1 | 856 | 1342 | 1283 | 932 | 410 | 351 |
| 300/250 | 419 | 352 | 404 | 300/250 x 10,7 | 966 | 1533 | 1464 | 1084 | 449 | 380 |
| 300/250 | 419 | 352 | 404 | 300/250 x 12,2 | 1076 | 1725 | 1646 | 1235 | 489 | 410 |
| 400/300 | 470 | 404 | 455 | 400/300 x 9,1 | 1026 | 1720 | 1635 | 1224 | 496 | 411 |
| 400/300 | 470 | 404 | 455 | 400/300 x 10,7 | 1153 | 1963 | 1864 | 1424 | 539 | 440 |
| 400/300 | 470 | 404 | 455 | 400/300 x 12,2 | 1282 | 2207 | 2094 | 1624 | 583 | 470 |
| 500/400 | 589 | 511 | 574 | 500/400 x 9,1 | 1595 | 2706 | 2570 | 1957 | 749 | 614 |
| 500/400 | 589 | 511 | 574 | 500/400 x 10,7 | 1795 | 3091 | 2933 | 2277 | 814 | 656 |
| 500/400 | 589 | 511 | 574 | 500/400 x 12,2 | 1995 | 3476 | 3296 | 2597 | 879 | 698 |
| 600/500 | 703 | 619 | 680 | 600/500 x 9,1 | 2196 | 3963 | 3747 | 2866 | 1097 | 881 |
| 600/500 | 703 | 619 | 680 | 600/500 x 10,7 | 2467 | 4529 | 4278 | 3337 | 1193 | 941 |
| 600/500 | 703 | 619 | 680 | 600/500 x 12,2 | 2739 | 5096 | 4808 | 3807 | 1289 | 1001 |

H7272 UF 19 bar

Reducer Submarine Hose

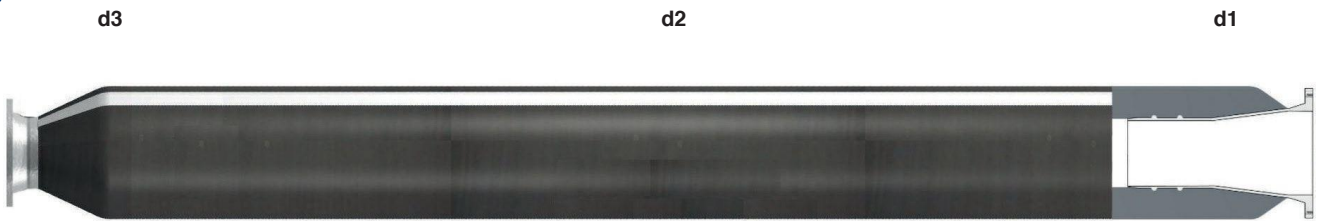
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|----------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 200/150 | 286 | 233 | 278 | 200/150 x 9,1 | 429 | 603 | 582 | 409 | 194 | 172 |
| 200/150 | 286 | 233 | 278 | 200/150 x 10,7 | 484 | 686 | 662 | 476 | 211 | 186 |
| 200/150 | 286 | 233 | 278 | 200/150 x 12,2 | 538 | 770 | 741 | 542 | 228 | 199 |
| 250/200 | 359 | 294 | 344 | 250/200 x 9,1 | 650 | 959 | 922 | 652 | 307 | 269 |
| 250/200 | 359 | 294 | 344 | 250/200 x 10,7 | 733 | 1094 | 1050 | 758 | 336 | 292 |
| 250/200 | 359 | 294 | 344 | 250/200 x 12,2 | 816 | 1229 | 1178 | 864 | 365 | 314 |
| 300/250 | 419 | 352 | 404 | 300/250 x 9,1 | 873 | 1360 | 1300 | 932 | 428 | 368 |
| 300/250 | 419 | 352 | 404 | 300/250 x 10,7 | 986 | 1553 | 1484 | 1084 | 469 | 400 |
| 300/250 | 419 | 352 | 404 | 300/250 x 12,2 | 1098 | 1747 | 1668 | 1235 | 511 | 432 |
| 400/300 | 478 | 411 | 463 | 400/300 x 9,1 | 1055 | 1749 | 1664 | 1270 | 479 | 394 |
| 400/300 | 478 | 411 | 463 | 400/300 x 10,7 | 1188 | 1998 | 1899 | 1477 | 520 | 422 |
| 400/300 | 478 | 411 | 463 | 400/300 x 12,2 | 1322 | 2247 | 2134 | 1685 | 562 | 449 |
| 500/400 | 589 | 511 | 574 | 500/400 x 9,1 | 1595 | 2706 | 2570 | 1957 | 749 | 614 |
| 500/400 | 589 | 511 | 574 | 500/400 x 10,7 | 1795 | 3091 | 2933 | 2277 | 814 | 656 |
| 500/400 | 589 | 511 | 574 | 500/400 x 12,2 | 1995 | 3476 | 3296 | 2597 | 879 | 698 |
| 600/500 | 718 | 627 | 695 | 600/500 x 9,1 | 2315 | 4082 | 3866 | 2941 | 1141 | 925 |
| 600/500 | 718 | 627 | 695 | 600/500 x 10,7 | 2601 | 4663 | 4412 | 3423 | 1240 | 988 |
| 600/500 | 718 | 627 | 695 | 600/500 x 12,2 | 2888 | 5244 | 4957 | 3905 | 1339 | 1052 |

H7272 UF 21 bar

Reducer Submarine Hose

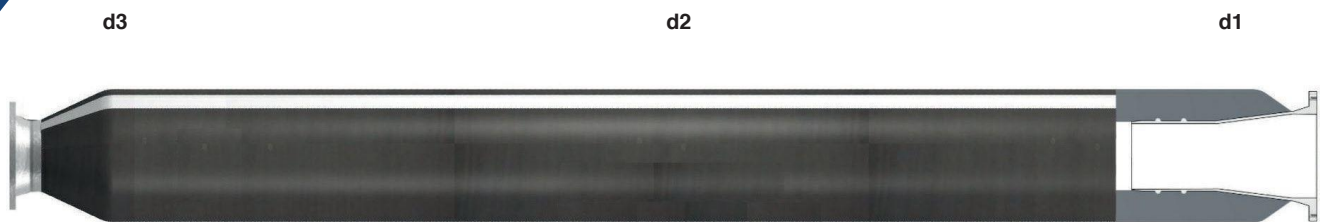
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|----------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 200/150 | 286 | 233 | 278 | 200/150 x 9,1 | 429 | 603 | 582 | 409 | 194 | 172 |
| 200/150 | 286 | 233 | 278 | 200/150 x 10,7 | 484 | 686 | 662 | 476 | 211 | 186 |
| 200/150 | 286 | 233 | 278 | 200/150 x 12,2 | 538 | 770 | 741 | 542 | 228 | 199 |
| 250/200 | 359 | 294 | 344 | 250/200 x 9,1 | 650 | 959 | 922 | 652 | 307 | 269 |
| 250/200 | 359 | 294 | 344 | 250/200 x 10,7 | 733 | 1094 | 1050 | 758 | 336 | 292 |
| 250/200 | 359 | 294 | 344 | 250/200 x 12,2 | 816 | 1229 | 1178 | 864 | 365 | 314 |
| 300/250 | 427 | 359 | 412 | 300/250 x 9,1 | 901 | 1387 | 1328 | 972 | 415 | 356 |
| 300/250 | 427 | 359 | 412 | 300/250 x 10,7 | 1018 | 1585 | 1516 | 1131 | 455 | 386 |
| 300/250 | 427 | 359 | 412 | 300/250 x 12,2 | 1136 | 1785 | 1706 | 1289 | 496 | 417 |
| 400/300 | 478 | 411 | 463 | 400/300 x 9,1 | 1083 | 1776 | 1692 | 1270 | 507 | 422 |
| 400/300 | 478 | 411 | 463 | 400/300 x 10,7 | 1220 | 2029 | 1930 | 1477 | 552 | 453 |
| 400/300 | 478 | 411 | 463 | 400/300 x 12,2 | 1358 | 2283 | 2170 | 1685 | 598 | 485 |
| 500/400 | 604 | 519 | 589 | 500/400 x 9,1 | 1691 | 2802 | 2666 | 2019 | 783 | 647 |
| 500/400 | 604 | 519 | 589 | 500/400 x 10,7 | 1903 | 3199 | 3041 | 2349 | 850 | 692 |
| 500/400 | 604 | 519 | 589 | 500/400 x 12,2 | 2115 | 3596 | 3416 | 2679 | 918 | 737 |
| 600/500 | 725 | 634 | 703 | 600/500 x 9,1 | 2401 | 4169 | 3953 | 3012 | 1156 | 941 |
| 600/500 | 725 | 634 | 703 | 600/500 x 10,7 | 2702 | 4764 | 4513 | 3506 | 1258 | 1007 |
| 600/500 | 725 | 634 | 703 | 600/500 x 12,2 | 3003 | 5360 | 5073 | 4000 | 1360 | 1073 |

H7070T UF 15 bar

Tail Submarine Hose

CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS

d3

d2

d1



| Nomin. Diam. | Hose O.D. | | | Size | Weight in air empty | Weight in air full of water | Weight in air full of oil s.g. = 0,9 | Displacement | Submerg. Weight full of water | Submerg. Weight full of oil |
|--------------|-----------|------|------|------------|---------------------|-----------------------------|--------------------------------------|--------------|-------------------------------|-----------------------------|
| | d1 | d2 | d3 | | | | | | | |
| (mm) | (mm) | (mm) | (mm) | (mm x m) | (Kg) | (Kg) | (Kg) | (Kg) | (Kg) | (Kg) |
| 150 | 278 | 229 | 278 | 150 x 9,1 | 397 | 570 | 549 | 396 | 174 | 153 |
| 150 | 278 | 229 | 278 | 150 x 10,7 | 449 | 651 | 627 | 460 | 191 | 166 |
| 150 | 278 | 229 | 278 | 150 x 12,2 | 501 | 732 | 704 | 525 | 208 | 179 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 604 | 913 | 876 | 652 | 261 | 224 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 685 | 1046 | 1002 | 758 | 288 | 244 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 766 | 1178 | 1128 | 864 | 314 | 264 |
| 250 | 412 | 352 | 412 | 250 x 9,1 | 822 | 1308 | 1249 | 932 | 377 | 317 |
| 250 | 412 | 352 | 412 | 250 x 10,7 | 932 | 1500 | 1430 | 1084 | 416 | 347 |
| 250 | 412 | 352 | 412 | 250 x 12,2 | 1043 | 1691 | 1612 | 1235 | 456 | 376 |
| 300 | 466 | 407 | 466 | 300 x 9,1 | 1006 | 1700 | 1615 | 1242 | 458 | 374 |
| 300 | 466 | 407 | 466 | 300 x 10,7 | 1140 | 1949 | 1850 | 1445 | 504 | 406 |
| 300 | 466 | 407 | 466 | 300 x 12,2 | 1273 | 2198 | 2086 | 1648 | 551 | 438 |
| 400 | 584 | 514 | 584 | 400 x 9,1 | 1564 | 2675 | 2540 | 1980 | 696 | 560 |
| 400 | 584 | 514 | 584 | 400 x 10,7 | 1771 | 3067 | 2909 | 2304 | 764 | 606 |
| 400 | 584 | 514 | 584 | 400 x 12,2 | 1978 | 3459 | 3279 | 2628 | 832 | 651 |
| 500 | 689 | 617 | 689 | 500 x 9,1 | 2122 | 3890 | 3674 | 2850 | 1040 | 824 |
| 500 | 689 | 617 | 689 | 500 x 10,7 | 2396 | 4458 | 4206 | 3317 | 1140 | 889 |
| 500 | 689 | 617 | 689 | 500 x 12,2 | 2670 | 5026 | 4739 | 3785 | 1241 | 954 |

H7070T UF 19 bar

Tail Submarine Hose

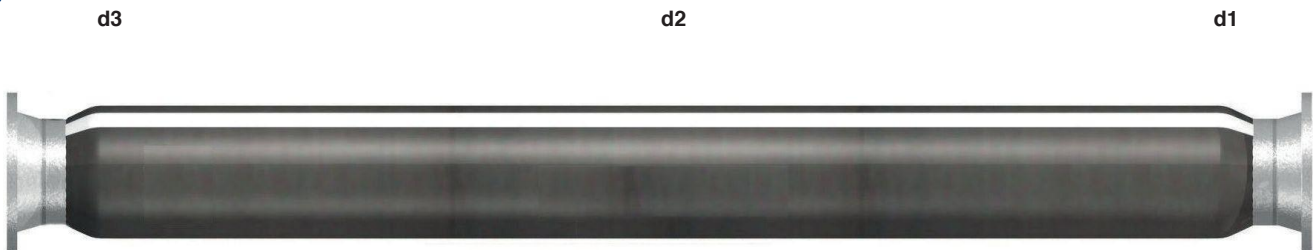
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 236 | 286 | 150 x 9,1 | 421 | 595 | 573 | 423 | 172 | 151 |
| 150 | 286 | 236 | 286 | 150 x 10,7 | 477 | 680 | 655 | 491 | 189 | 164 |
| 150 | 286 | 236 | 286 | 150 x 12,2 | 534 | 765 | 737 | 560 | 205 | 177 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 618 | 928 | 890 | 652 | 276 | 238 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 701 | 1062 | 1018 | 758 | 304 | 260 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 784 | 1196 | 1146 | 864 | 332 | 282 |
| 250 | 412 | 352 | 412 | 250 x 9,1 | 840 | 1326 | 1267 | 932 | 394 | 335 |
| 250 | 412 | 352 | 412 | 250 x 10,7 | 952 | 1519 | 1450 | 1084 | 436 | 367 |
| 250 | 412 | 352 | 412 | 250 x 12,2 | 1065 | 1713 | 1634 | 1235 | 478 | 398 |
| 300 | 473 | 414 | 473 | 300 x 9,1 | 1036 | 1730 | 1645 | 1288 | 442 | 357 |
| 300 | 473 | 414 | 473 | 300 x 10,7 | 1176 | 1985 | 1886 | 1499 | 486 | 387 |
| 300 | 473 | 414 | 473 | 300 x 12,2 | 1315 | 2240 | 2127 | 1709 | 530 | 418 |
| 400 | 584 | 514 | 584 | 400 x 9,1 | 1564 | 2675 | 2540 | 1980 | 696 | 560 |
| 400 | 584 | 514 | 584 | 400 x 10,7 | 1771 | 3067 | 2909 | 2304 | 764 | 606 |
| 400 | 584 | 514 | 584 | 400 x 12,2 | 1978 | 3459 | 3279 | 2628 | 832 | 651 |
| 500 | 705 | 625 | 705 | 500 x 9,1 | 2240 | 4007 | 3792 | 2925 | 1083 | 867 |
| 500 | 705 | 625 | 705 | 500 x 10,7 | 2528 | 4590 | 4339 | 3404 | 1186 | 935 |
| 500 | 705 | 625 | 705 | 500 x 12,2 | 2816 | 5173 | 4886 | 3883 | 1290 | 1003 |

H7070T UF 21 bar

Tail Submarine Hose

CONSTRUCTION

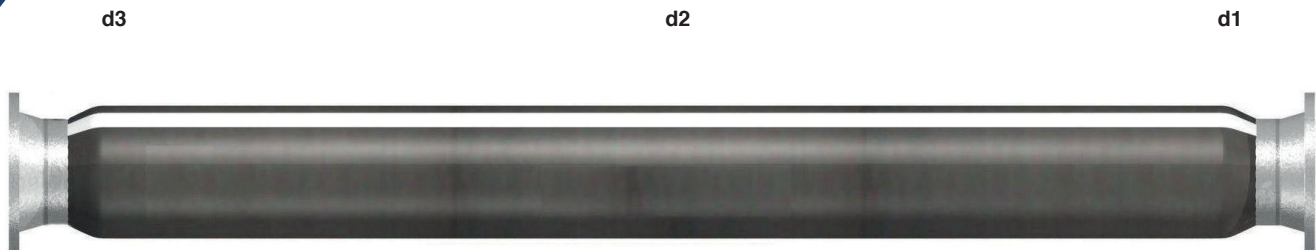
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 236 | 286 | 150 x 9,1 | 421 | 595 | 573 | 423 | 172 | 151 |
| 150 | 286 | 236 | 286 | 150 x 10,7 | 477 | 680 | 655 | 491 | 189 | 164 |
| 150 | 286 | 236 | 286 | 150 x 12,2 | 534 | 765 | 737 | 560 | 205 | 177 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 618 | 928 | 890 | 652 | 276 | 238 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 701 | 1062 | 1018 | 758 | 304 | 260 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 784 | 1196 | 1146 | 864 | 332 | 282 |
| 250 | 419 | 359 | 419 | 250 x 9,1 | 867 | 1353 | 1294 | 972 | 381 | 322 |
| 250 | 419 | 359 | 419 | 250 x 10,7 | 985 | 1552 | 1483 | 1131 | 422 | 353 |
| 250 | 419 | 359 | 419 | 250 x 12,2 | 1103 | 1751 | 1672 | 1289 | 462 | 383 |
| 300 | 473 | 414 | 473 | 300 x 9,1 | 1064 | 1758 | 1673 | 1288 | 470 | 385 |
| 300 | 473 | 414 | 473 | 300 x 10,7 | 1207 | 2017 | 1918 | 1499 | 518 | 419 |
| 300 | 473 | 414 | 473 | 300 x 12,2 | 1350 | 2275 | 2163 | 1709 | 566 | 453 |
| 400 | 600 | 522 | 600 | 400 x 9,1 | 1659 | 2770 | 2635 | 2042 | 728 | 593 |
| 400 | 600 | 522 | 600 | 400 x 10,7 | 1878 | 3174 | 3016 | 2376 | 799 | 641 |
| 400 | 600 | 522 | 600 | 400 x 12,2 | 2097 | 3578 | 3398 | 2709 | 869 | 688 |
| 500 | 712 | 633 | 712 | 500 x 9,1 | 2327 | 4095 | 3879 | 2995 | 1099 | 884 |
| 500 | 712 | 633 | 712 | 500 x 10,7 | 2630 | 4692 | 4441 | 3486 | 1206 | 954 |
| 500 | 712 | 633 | 712 | 500 x 12,2 | 2933 | 5290 | 5002 | 3977 | 1312 | 1025 |

H7878 UF 15 bar

Tanker Rail Submarine Hose

CONSTRUCTION

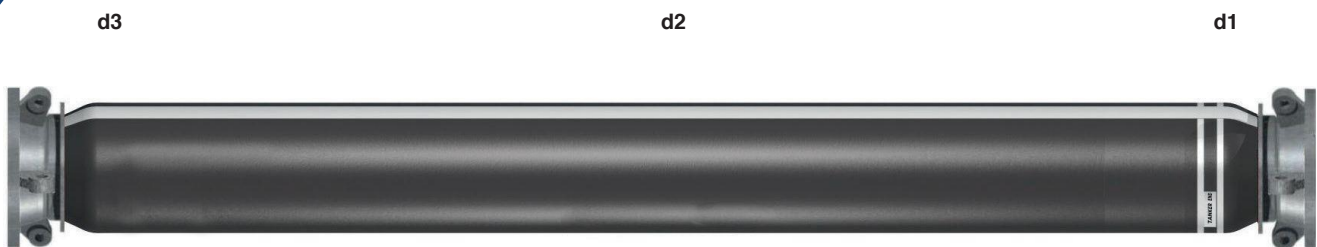
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 276 | 229 | 276 | 150 x 9,1 | 396 | 570 | 549 | 396 | 174 | 153 |
| 150 | 276 | 229 | 276 | 150 x 10,7 | 449 | 651 | 627 | 460 | 191 | 167 |
| 150 | 276 | 229 | 276 | 150 x 12,2 | 502 | 733 | 705 | 524 | 209 | 181 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 605 | 914 | 876 | 652 | 262 | 224 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 687 | 1048 | 1004 | 758 | 289 | 245 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 768 | 1181 | 1131 | 864 | 317 | 267 |
| 250 | 412 | 352 | 412 | 250 x 9,1 | 821 | 1307 | 1248 | 932 | 375 | 316 |
| 250 | 412 | 352 | 412 | 250 x 10,7 | 932 | 1499 | 1430 | 1084 | 416 | 347 |
| 250 | 412 | 352 | 412 | 250 x 12,2 | 1044 | 1692 | 1613 | 1235 | 456 | 377 |
| 300 | 466 | 407 | 466 | 300 x 9,1 | 1002 | 1696 | 1611 | 1242 | 454 | 369 |
| 300 | 466 | 407 | 466 | 300 x 10,7 | 1137 | 1946 | 1848 | 1445 | 501 | 403 |
| 300 | 466 | 407 | 466 | 300 x 12,2 | 1272 | 2197 | 2084 | 1648 | 549 | 436 |
| 400 | 582 | 512 | 582 | 400 x 9,1 | 1523 | 2634 | 2498 | 1965 | 669 | 534 |
| 400 | 582 | 512 | 582 | 400 x 10,7 | 1726 | 3022 | 2864 | 2286 | 736 | 578 |
| 400 | 582 | 512 | 582 | 400 x 12,2 | 1929 | 3410 | 3229 | 2607 | 803 | 622 |
| 500 | 687 | 615 | 687 | 500 x 9,1 | 2064 | 3831 | 3615 | 2831 | 1000 | 784 |
| 500 | 687 | 615 | 687 | 500 x 10,7 | 2333 | 4395 | 4143 | 3296 | 1099 | 847 |
| 500 | 687 | 615 | 687 | 500 x 12,2 | 2602 | 4959 | 4671 | 3761 | 1198 | 911 |

H7878 UF 19 bar

Tanker Rail Submarine Hose

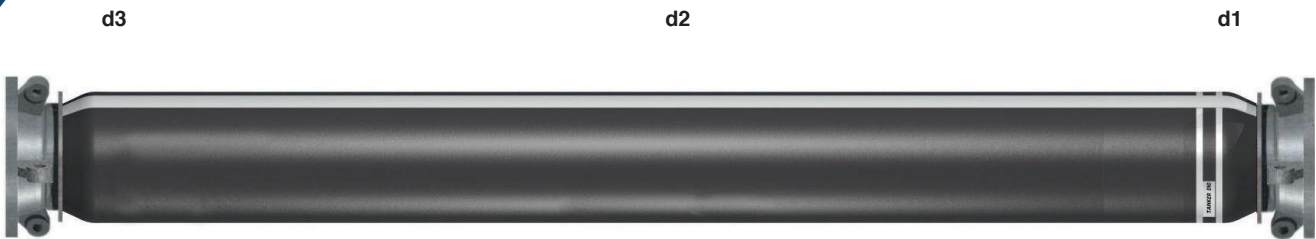
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|----------------------|------------|------------|------------|------------------|-----------------------------|-------------------------------------|---|----------------------|---------------------------------------|-------------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 284 | 236 | 284 | 150 x 9,1 | 421 | 594 | 573 | 422 | 172 | 151 |
| 150 | 284 | 236 | 284 | 150 x 10,7 | 478 | 680 | 655 | 491 | 190 | 165 |
| 150 | 284 | 236 | 284 | 150 x 12,2 | 535 | 766 | 738 | 559 | 207 | 179 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 619 | 929 | 891 | 652 | 276 | 239 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 703 | 1064 | 1020 | 758 | 306 | 262 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 786 | 1199 | 1149 | 864 | 335 | 285 |
| 250 | 412 | 352 | 412 | 250 x 9,1 | 838 | 1324 | 1265 | 932 | 393 | 333 |
| 250 | 412 | 352 | 412 | 250 x 10,7 | 952 | 1519 | 1450 | 1084 | 435 | 366 |
| 250 | 412 | 352 | 412 | 250 x 12,2 | 1066 | 1714 | 1635 | 1235 | 478 | 399 |
| 300 | 473 | 414 | 473 | 300 x 9,1 | 1032 | 1726 | 1641 | 1288 | 438 | 353 |
| 300 | 473 | 414 | 473 | 300 x 10,7 | 1173 | 1982 | 1883 | 1499 | 483 | 385 |
| 300 | 473 | 414 | 473 | 300 x 12,2 | 1313 | 2238 | 2126 | 1709 | 529 | 416 |
| 400 | 582 | 512 | 582 | 400 x 9,1 | 1523 | 2634 | 2498 | 1965 | 669 | 534 |
| 400 | 582 | 512 | 582 | 400 x 10,7 | 1726 | 3022 | 2864 | 2286 | 736 | 578 |
| 400 | 582 | 512 | 582 | 400 x 12,2 | 1929 | 3410 | 3229 | 2607 | 803 | 622 |
| 500 | 703 | 623 | 703 | 500 x 9,1 | 2181 | 3949 | 3733 | 2906 | 1043 | 827 |
| 500 | 703 | 623 | 703 | 500 x 10,7 | 2465 | 4527 | 4275 | 3382 | 1145 | 893 |
| 500 | 703 | 623 | 703 | 500 x 12,2 | 2749 | 5105 | 4818 | 3858 | 1247 | 959 |

H7878 UF 21 bar

Tanker Rail Submarine Hose

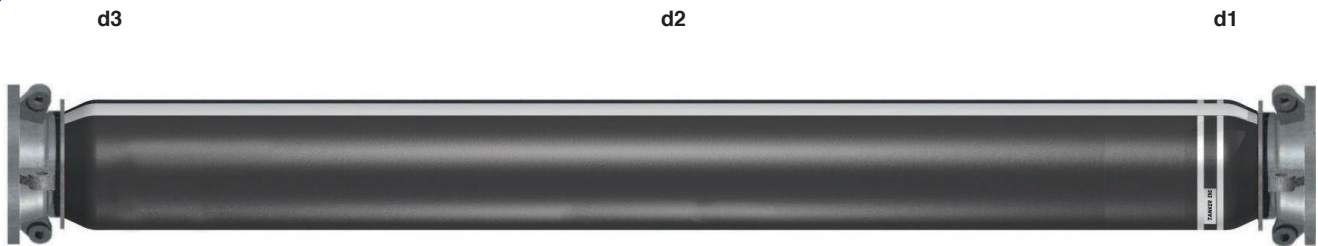
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 284 | 236 | 284 | 150 x 9,1 | 421 | 594 | 573 | 422 | 172 | 151 |
| 150 | 284 | 236 | 284 | 150 x 10,7 | 478 | 680 | 655 | 491 | 190 | 165 |
| 150 | 284 | 236 | 284 | 150 x 12,2 | 535 | 766 | 738 | 559 | 207 | 179 |
| 200 | 352 | 294 | 352 | 200 x 9,1 | 619 | 929 | 891 | 652 | 276 | 239 |
| 200 | 352 | 294 | 352 | 200 x 10,7 | 703 | 1064 | 1020 | 758 | 306 | 262 |
| 200 | 352 | 294 | 352 | 200 x 12,2 | 786 | 1199 | 1149 | 864 | 335 | 285 |
| 250 | 419 | 359 | 419 | 250 x 9,1 | 866 | 1352 | 1293 | 972 | 380 | 321 |
| 250 | 419 | 359 | 419 | 250 x 10,7 | 985 | 1552 | 1483 | 1131 | 422 | 353 |
| 250 | 419 | 359 | 419 | 250 x 12,2 | 1104 | 1752 | 1673 | 1289 | 463 | 384 |
| 300 | 473 | 414 | 473 | 300 x 9,1 | 1060 | 1754 | 1669 | 1288 | 465 | 381 |
| 300 | 473 | 414 | 473 | 300 x 10,7 | 1204 | 2014 | 1915 | 1499 | 515 | 416 |
| 300 | 473 | 414 | 473 | 300 x 12,2 | 1349 | 2274 | 2161 | 1709 | 564 | 452 |
| 400 | 598 | 520 | 598 | 400 x 9,1 | 1617 | 2728 | 2593 | 2027 | 702 | 566 |
| 400 | 598 | 520 | 598 | 400 x 10,7 | 1832 | 3128 | 2970 | 2358 | 771 | 613 |
| 400 | 598 | 520 | 598 | 400 x 12,2 | 2047 | 3529 | 3348 | 2689 | 840 | 659 |
| 500 | 710 | 631 | 710 | 500 x 9,1 | 2268 | 4035 | 3820 | 2977 | 1059 | 843 |
| 500 | 710 | 631 | 710 | 500 x 10,7 | 2566 | 4628 | 4377 | 3465 | 1164 | 912 |
| 500 | 710 | 631 | 710 | 500 x 12,2 | 2865 | 5221 | 4934 | 3952 | 1269 | 981 |

H7777 UF 15 bar

Fully Reinforced Submarine Hose

CONSTRUCTION

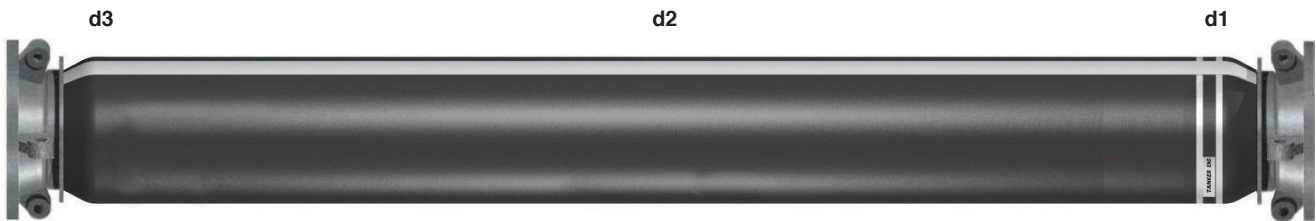
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 15 |
| Min. burst pressure | bar | 75 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 278 | 229 | 278 | 150 x 9,1 | 397 | 570 | 549 | 396 | 174 | 153 |
| 150 | 278 | 229 | 278 | 150 x 10,7 | 449 | 651 | 627 | 460 | 191 | 166 |
| 150 | 278 | 229 | 278 | 150 x 12,2 | 501 | 732 | 704 | 525 | 208 | 179 |
| 200 | 359 | 301 | 359 | 200 x 9,1 | 651 | 960 | 923 | 686 | 274 | 237 |
| 200 | 359 | 301 | 359 | 200 x 10,7 | 740 | 1101 | 1057 | 797 | 303 | 259 |
| 200 | 359 | 301 | 359 | 200 x 12,2 | 829 | 1241 | 1191 | 909 | 333 | 282 |
| 250 | 419 | 359 | 419 | 250 x 9,1 | 878 | 1364 | 1305 | 972 | 392 | 333 |
| 250 | 419 | 359 | 419 | 250 x 10,7 | 998 | 1565 | 1496 | 1131 | 435 | 366 |
| 250 | 419 | 359 | 419 | 250 x 12,2 | 1118 | 1766 | 1687 | 1289 | 477 | 398 |
| 300 | 470 | 411 | 470 | 300 x 9,1 | 1040 | 1734 | 1650 | 1270 | 465 | 380 |
| 300 | 470 | 411 | 470 | 300 x 10,7 | 1180 | 1989 | 1891 | 1477 | 512 | 413 |
| 300 | 470 | 411 | 470 | 300 x 12,2 | 1319 | 2244 | 2131 | 1685 | 559 | 446 |
| 400 | 593 | 525 | 593 | 400 x 9,1 | 1655 | 2766 | 2631 | 2065 | 701 | 566 |
| 400 | 593 | 525 | 593 | 400 x 10,7 | 1878 | 3174 | 3016 | 2403 | 771 | 613 |
| 400 | 593 | 525 | 593 | 400 x 12,2 | 2100 | 3581 | 3401 | 2741 | 840 | 659 |
| 500 | 707 | 637 | 707 | 500 x 9,1 | 2317 | 4085 | 3869 | 3032 | 1053 | 837 |
| 500 | 707 | 637 | 707 | 500 x 10,7 | 2625 | 4687 | 4436 | 3531 | 1156 | 905 |
| 500 | 707 | 637 | 707 | 500 x 12,2 | 2932 | 5289 | 5002 | 4029 | 1260 | 973 |
| 600 | 835 | 757 | 835 | 600 x 9,1 | 3219 | 5798 | 5484 | 4279 | 1520 | 1205 |
| 600 | 835 | 757 | 835 | 600 x 10,7 | 3642 | 6652 | 6285 | 4982 | 1670 | 1303 |
| 600 | 835 | 757 | 835 | 600 x 12,2 | 4065 | 7505 | 7086 | 5686 | 1820 | 1400 |

H7777 UF 19 bar

Fully Reinforced Submarine Hose

CONSTRUCTION

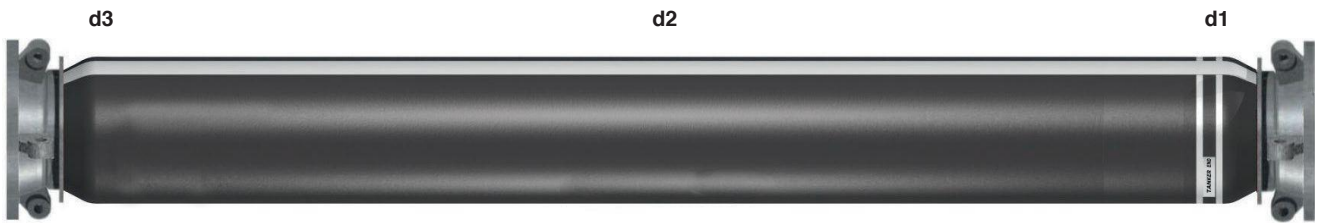
| | |
|--------------------------|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |

Submarine hoses are supplied with collars for floats on request

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 19 |
| Min. burst pressure | bar | 95 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 236 | 286 | 150 x 9,1 | 421 | 595 | 573 | 423 | 172 | 151 |
| 150 | 286 | 236 | 286 | 150 x 10,7 | 477 | 680 | 655 | 491 | 189 | 164 |
| 150 | 286 | 236 | 286 | 150 x 12,2 | 534 | 765 | 737 | 560 | 205 | 177 |
| 200 | 359 | 301 | 359 | 200 x 9,1 | 665 | 975 | 937 | 686 | 289 | 251 |
| 200 | 359 | 301 | 359 | 200 x 10,7 | 756 | 1117 | 1073 | 797 | 320 | 276 |
| 200 | 359 | 301 | 359 | 200 x 12,2 | 847 | 1259 | 1209 | 909 | 351 | 300 |
| 250 | 419 | 359 | 419 | 250 x 9,1 | 896 | 1382 | 1323 | 972 | 410 | 350 |
| 250 | 419 | 359 | 419 | 250 x 10,7 | 1018 | 1585 | 1516 | 1131 | 455 | 385 |
| 250 | 419 | 359 | 419 | 250 x 12,2 | 1140 | 1788 | 1709 | 1289 | 499 | 420 |
| 300 | 478 | 419 | 478 | 300 x 9,1 | 1071 | 1765 | 1680 | 1317 | 448 | 364 |
| 300 | 478 | 419 | 478 | 300 x 10,7 | 1216 | 2026 | 1927 | 1532 | 494 | 395 |
| 300 | 478 | 419 | 478 | 300 x 12,2 | 1362 | 2287 | 2174 | 1747 | 539 | 426 |
| 400 | 593 | 525 | 593 | 400 x 9,1 | 1655 | 2766 | 2631 | 2065 | 701 | 566 |
| 400 | 593 | 525 | 593 | 400 x 10,7 | 1878 | 3174 | 3016 | 2403 | 771 | 613 |
| 400 | 593 | 525 | 593 | 400 x 12,2 | 2100 | 3581 | 3401 | 2741 | 840 | 659 |
| 500 | 722 | 645 | 722 | 500 x 9,1 | 2438 | 4205 | 3990 | 3109 | 1096 | 880 |
| 500 | 722 | 645 | 722 | 500 x 10,7 | 2760 | 4822 | 4571 | 3620 | 1203 | 951 |
| 500 | 722 | 645 | 722 | 500 x 12,2 | 3083 | 5439 | 5152 | 4130 | 1309 | 1022 |
| 600 | 843 | 765 | 843 | 600 x 9,1 | 3324 | 5904 | 5589 | 4364 | 1539 | 1224 |
| 600 | 843 | 765 | 843 | 600 x 10,7 | 3765 | 6775 | 6408 | 5082 | 1693 | 1326 |
| 600 | 843 | 765 | 843 | 600 x 12,2 | 4206 | 7646 | 7226 | 5800 | 1846 | 1427 |

H7777 UF 21 bar

Fully Reinforced Submarine Hose

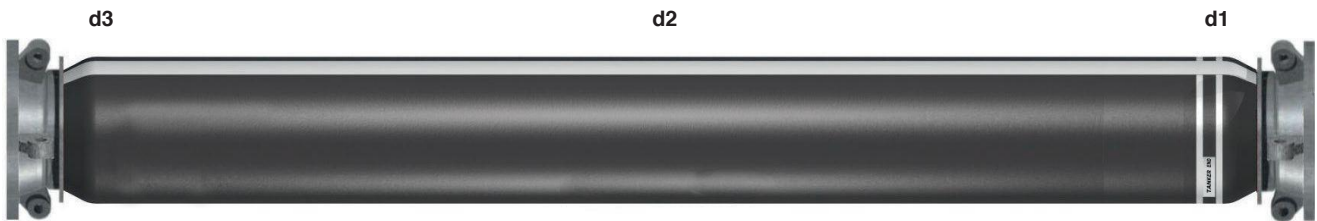
CONSTRUCTION

| | |
|---|--|
| Oil resistant liner | NBR |
| Main reinforcement | Polyester cord skimmed with rubber |
| Wire helix | Embedded in synthetic rubber |
| Reinforcing fabric plies | Polyester |
| Cover | Abrasion resistant rubber in Chloroprene |
| Fitting | Built-in |
| Submarine hoses are supplied with collars for floats on request | |

PERFORMANCE

| | | |
|-----------------------------|-----|----------------------------|
| Rated Working Pressure | bar | 21 |
| Min. burst pressure | bar | 105 |
| Minimum Bending Radius | | 4 X ID |
| Max. temp. elong. | % | 2,5 |
| Max. perm. elong. | % | 0,7 |
| Aromatic resistance UP TO | % | 80 |
| Fluid temp. Range | °C | -20; +82 |
| Ambient temp. Range | °C | -29; +52 |
| Flow velocity UP TO | m/s | 21 |
| Electrically (as requested) | | Continuous / Discontinuous |

CHARACTERISTICS



| Nomin. Diam. (mm) | Hose O.D. | | | Size (mm x m) | Weight in air empty (Kg) | Weight in air full of water (Kg) | Weight in air full of oil s.g. = 0,9 (Kg) | Displacement (Kg) | Submerg. Weight full of water (Kg) | Submerg. Weight full of oil (Kg) |
|-------------------|-----------|---------|---------|---------------|--------------------------|----------------------------------|---|-------------------|------------------------------------|----------------------------------|
| | d1 (mm) | d2 (mm) | d3 (mm) | | | | | | | |
| 150 | 286 | 236 | 286 | 150 x 9,1 | 421 | 595 | 573 | 423 | 172 | 151 |
| 150 | 286 | 236 | 286 | 150 x 10,7 | 477 | 680 | 655 | 491 | 189 | 164 |
| 150 | 286 | 236 | 286 | 150 x 12,2 | 534 | 765 | 737 | 560 | 205 | 177 |
| 200 | 359 | 301 | 359 | 200 x 9,1 | 665 | 975 | 937 | 686 | 289 | 251 |
| 200 | 359 | 301 | 359 | 200 x 10,7 | 756 | 1117 | 1073 | 797 | 320 | 276 |
| 200 | 359 | 301 | 359 | 200 x 12,2 | 847 | 1259 | 1209 | 909 | 351 | 300 |
| 250 | 427 | 367 | 427 | 250 x 9,1 | 924 | 1411 | 1351 | 1013 | 398 | 338 |
| 250 | 427 | 367 | 427 | 250 x 10,7 | 1052 | 1619 | 1550 | 1178 | 441 | 372 |
| 250 | 427 | 367 | 427 | 250 x 12,2 | 1180 | 1828 | 1749 | 1344 | 485 | 406 |
| 300 | 478 | 419 | 478 | 300 x 9,1 | 1099 | 1792 | 1708 | 1317 | 476 | 391 |
| 300 | 478 | 419 | 478 | 300 x 10,7 | 1248 | 2057 | 1959 | 1532 | 525 | 427 |
| 300 | 478 | 419 | 478 | 300 x 12,2 | 1397 | 2322 | 2209 | 1747 | 575 | 462 |
| 400 | 608 | 533 | 608 | 400 x 9,1 | 1752 | 2863 | 2727 | 2129 | 734 | 599 |
| 400 | 608 | 533 | 608 | 400 x 10,7 | 1986 | 3282 | 3124 | 2477 | 806 | 648 |
| 400 | 608 | 533 | 608 | 400 x 12,2 | 2221 | 3702 | 3522 | 2825 | 877 | 697 |
| 500 | 729 | 652 | 729 | 500 x 9,1 | 2527 | 4295 | 4079 | 3183 | 1112 | 897 |
| 500 | 729 | 652 | 729 | 500 x 10,7 | 2865 | 4927 | 4675 | 3705 | 1222 | 970 |
| 500 | 729 | 652 | 729 | 500 x 12,2 | 3202 | 5559 | 5271 | 4227 | 1332 | 1044 |
| 600 | 858 | 772 | 858 | 600 x 9,1 | 3464 | 6043 | 5729 | 4457 | 1587 | 1272 |
| 600 | 858 | 772 | 858 | 600 x 10,7 | 3923 | 6932 | 6565 | 5189 | 1744 | 1377 |
| 600 | 858 | 772 | 858 | 600 x 12,2 | 4382 | 7821 | 7402 | 5921 | 1901 | 1481 |