



DATE:10.12.2007

DATA SHEET

Hose : EN 853 1 SN

Application : For high pressure hydraulic systems in industry and agriculture

Lining : Hydraulic oil resistant special synthetic rubber

Reinforcement : High tensile 1 steel wire braid

Cover : Oil, abrasion and weather resistant wrapped synthetic rubber

Temperature : Suitable for use in the range -40 to + 100 Celsius.(+125 Discontinuous)

Specification according to EN 853 1 SN

| CODE | Nom. Ø | Inside Ø | Reinforcement OD | | | Outside | | | Working Pressure | Burst Pressure | Bending Radius | Weight |
|------------|-----------|-------------|------------------|-------------|------|---------|-------------|------|---------------------|-------------------|-------------------|--------|
| | | | min. | nom. | max. | min. | nom. | max. | | | | |
| | | | Ø | Ø | Ø | Ø | Ø | Ø | | | | |
| | Inch | mm | mm | mm | mm | mm | mm | mm | bar | bar | mm | Kg/m. |
| no code | 3/16" | 4.8 | 9.0 | 9.6 | 10.0 | - | 11.6 | 12.5 | 250 | 1000 | 90 | 0.180 |
| H314006095 | 1/4" | 6.4 | 10.6 | 11.1 | 11.6 | - | 13.2 | 14.1 | 225 | 900 | 100 | 0.225 |
| no code | 5/16" | 7.9 | 12.1 | 12.6 | 13.3 | - | 14.8 | 15.7 | 215 | 850 | 115 | 0.260 |
| H314010100 | 3/8" | 9.5 | 14.5 | 15.0 | 15.7 | - | 17.2 | 18.1 | 180 | 720 | 130 | 0.340 |
| H314013085 | 1/2" | 12.7 | 17.5 | 18.1 | 19.1 | - | 20.4 | 21.4 | 160 | 640 | 180 | 0.415 |
| no code | 5/8" | 15.9 | 20.6 | 21.2 | 22.2 | - | 23.5 | 24.5 | 130 | 520 | 200 | 0.480 |
| H314019146 | 3/4" | 19 | 24.6 | 25.2 | 26.2 | - | 27.5 | 28.5 | 105 | 420 | 240 | 0.590 |
| H314025085 | 1" | 25.4 | 32.5 | 33.1 | 34.1 | - | 35.4 | 36.6 | 88 | 350 | 300 | 0.885 |
| H314032072 | 1 1/4" | 31.8 | 39.3 | 40.2 | 41.7 | - | 43.5 | 44.8 | 63 | 250 | 420 | 1.220 |
| H314038066 | 1 1/2" | 38.1 | 45.6 | 46.7 | 48.0 | - | 50.0 | 52.1 | 50 | 200 | 500 | 1.415 |
| no code | 2" | 50.8 | 58.7 | 60.2 | 61.7 | - | 63.6 | 65.5 | 40 | 160 | 630 | 1.935 |
| no code | 2 1/2" | 63.5 | 71.5 | 73.0 | 74.5 | - | 76.5 | 78.0 | 40 | 160 | 762 | 2.570 |
| no code | 3" | 76.2 | 83.5 | 85.0 | 86.5 | - | 88.5 | 90.5 | 35 | 140 | 900 | 2.740 |