

Dunlop Hiflex Super Slim line

Specification for : 241T - Black Rubber Cover
: 241X - Black Tuflex® Cover

| Nominal Bore Size | | Mean Diameter Over Wire | | Maximum Diameter Over Cover | | Maximum Working Pressure | | Minimum Burst Pressure | | Minimum Bend Radius | | Approx Weight | |
|-------------------|------|-------------------------|------|-----------------------------|------|--------------------------|-----|------------------------|------|---------------------|-----|---------------|------|
| Inch | MM | Inch | MM | Inch | MM | PSI | Bar | PSI | Bar | Inch | MM | Lbs/ft | Kg/M |
| 1/4 | 6.3 | 0.437 | 11.1 | 0.547 | 13.9 | 6,525 | 450 | 26,100 | 1800 | 3.0 | 80 | 0.19 | 0.29 |
| 5/16 | 8.0 | 0.500 | 12.7 | 0.610 | 15.5 | 5,800 | 400 | 23,200 | 1600 | 3.5 | 90 | 0.24 | 0.36 |
| 3/8 | 9.5 | 0.594 | 15.1 | 0.701 | 17.8 | 5,075 | 350 | 20,300 | 1400 | 4.0 | 100 | 0.30 | 0.44 |
| 1/2 | 12.7 | 0.720 | 18.3 | 0.827 | 21.0 | 4,495 | 310 | 17,980 | 1240 | 5.5 | 140 | 0.36 | 0.54 |
| 5/8 | 15.9 | 0.843 | 21.4 | 0.953 | 24.2 | 4,060 | 280 | 16,240 | 1120 | 6.5 | 160 | 0.42 | 0.63 |
| 3/4 | 19.0 | 1.000 | 25.4 | 1.106 | 28.1 | 4,060 | 280 | 16,240 | 1120 | 7.5 | 190 | 0.58 | 0.86 |
| 1 | 25.4 | 1.311 | 33.3 | 1.417 | 36.0 | 3,260 | 225 | 13,050 | 900 | 9.5 | 240 | 0.85 | 1.27 |
| 1.1/4 | 31.8 | 1.594 | 40.5 | 1.744 | 44.3 | 2,400 | 165 | 9,600 | 660 | 14.0 | 360 | 1.12 | 1.66 |
| 1.1/2 | 38.1 | 1.843 | 46.8 | 2.016 | 51.2 | 1,960 | 135 | 7,840 | 540 | 17.0 | 430 | 1.42 | 2.12 |
| 2 | 50.8 | 2.370 | 60.2 | 2.547 | 64.7 | 1,450 | 100 | 5,800 | 400 | 21.5 | 550 | 1.83 | 2.73 |

Product Information

Description : Compact 2 wire braid hydraulic hose
 Lining : Black; oil resistant synthetic rubber
 Cover (241T) : Black; oil, water, ozone & flame resistant synthetic rubber
 Cover (241X) : Black; oil, water, ozone & abrasion resistant Tuflex®*
 Reinforcement : Two braids of high tensile steel wire
 Temperature Range : -40°C to +100°C (-40°F TO +212°F); intermittent use up to +125°C (257°F)**

* The special cover material when tested to International Standards, (ISO) achieves 1000 times the abrasion resistance of standard hydraulic hoses.

** Petroleum based fluids only. Water based fluids at temperatures -40°C to +70°C (-40°F to +158°F)

Applications

Hydraulic systems with petroleum or water/glycol based fluids and for field and lubricating oils

Replaces: 241T and 241B

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|-------|---------|--|--|--|--|------------|----------|----------|
| Issue | 1 | | | | | Drawn | Approved | Date |
| D&ECN | DH 4368 | | | | | DCR | PG | 22.12.03 |
| Date | 17.0.03 | | | | | MS.51241 A | | |