

Dunlop Hiflex 420 SAE 100R15

SPECIFICATIONS : 420G - "Greenline"
: 420L - Black Rubber Cover
: 420X - Black Tuflex® Cover

| Nominal Bore Size | | Mean Diameter Over Wire | | Mean 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 | 0.579 | 14.7 | 0.705 | 17.9 | 6,000 | 420 | 24,000 | 1680 | 6.0 | 150 | 0.41 | 0.61 |
| 3/8 | 9.5 | 0.689 | 17.5 | 0.843 | 21.4 | 6,000 | 420 | 24,000 | 1680 | 6.0 | 150 | 0.51 | 0.76 |
| 1/2 | 12.7 | 0.795 | 20.2 | 0.969 | 24.6 | 6,000 | 420 | 24,000 | 1680 | 8.0 | 200 | 0.59 | 0.88 |
| 5/8 | 15.9 | 1.012 | 25.7 | 1.130 | 28.7 | 6,000 | 420 | 24,000 | 1680 | 10.0 | 250 | 0.96 | 1.43 |
| 3/4 | 19.0 | 1.130 | 28.7 | 1.268 | 32.2 | 6,000 | 420 | 24,000 | 1680 | 10.5 | 270 | 1.09 | 1.62 |
| 1 | 25.4 | 1.390 | 35.3 | 1.528 | 38.8 | 6,000 | 420 | 24,000 | 1680 | 13.0 | 330 | 1.46 | 2.18 |
| 1.1/4 | 31.8 | 1.772 | 45.0 | 1.890 | 48.0 | 6,000 | 420 | 24,000 | 1680 | 17.5 | 440 | 2.40 | 3.58 |
| 1.1/2 | 38.1 | 2.031 | 51.6 | 2.189 | 55.6 | 6,000 | 420 | 24,000 | 1680 | 21.0 | 530 | 3.02 | 4.50 |

Product Information

Description : High pressure 4spiral hydraulic hose
Liner : Black; oil resistant synthetic rubber
Cover (420G & L) : Black; oil, water, ozone & flame resistant synthetic rubber
Cover (420X) : Black; oil, water, ozone & abrasion resistant Tuflex®*
Reinforcement : Four spiral layers of high tensile steel wire
Temperature Range : -40°C to +121°C (-40°F TO +250°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
 The "Greenline" version is also suitable for use with biodegradable hydraulic oil based on rapeseed and synthetic esters.

Replaces: BTR 420

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|-------|---------|--|--|--|--|--|-------------------|-----------|-----------------|
| Issue | 1 | | | | | | Drawn | Approved | Date |
| D&ECN | DH4 368 | | | | | | DCR | PG | 22.12.03 |
| Date | 17.0.03 | | | | | | MS.51420 A | | |