

Dunlop Hiflex 221 EN857 2SC

Specification for: 221T - Black Rubber Cover
: 221X - 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 | 5,800 | 400 | 23,200 | 1600 | 1.5 | 45 | 0.19 | 0.29 |
| 5/16 | 8.0 | 0.500 | 12.7 | 0.610 | 15.5 | 5,075 | 350 | 20,300 | 1400 | 2.0 | 55 | 0.24 | 0.36 |
| 3/8 | 9.5 | 0.594 | 15.1 | 0.701 | 17.8 | 4,785 | 330 | 19,140 | 1320 | 2.5 | 65 | 0.30 | 0.44 |
| 1/2 | 12.7 | 0.720 | 18.3 | 0.827 | 21.0 | 3,988 | 275 | 15,950 | 1100 | 3.0 | 80 | 0.36 | 0.54 |
| 5/8 | 15.9 | 0.843 | 21.4 | 0.953 | 24.2 | 3,625 | 250 | 14,500 | 1000 | 3.5 | 90 | 0.42 | 0.63 |
| 3/4 | 19.0 | 1.000 | 25.4 | 1.106 | 28.1 | 3,120 | 215 | 12,470 | 860 | 5.0 | 120 | 0.52 | 0.77 |
| 1 | 25.4 | 1.311 | 33.3 | 1.417 | 36.0 | 2,395 | 165 | 9,570 | 660 | 6.5 | 160 | 0.77 | 1.15 |

Product Information

- Description : Compact 2 wire braid hydraulic hose
 Liner : Black; oil resistant synthetic rubber
 Cover (221T) : Black; oil, water, ozone & flame resistant synthetic rubber
 Cover (221X) : 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: DH.84

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|-------|---------|--|--|--|--|------------------|-----------|-----------------|
| Issue | 1 | | | | | Drawn | Approved | Date |
| D&ECN | DH 4368 | | | | | DCR | PG | 22.12.03 |
| Date | 17.0.08 | | | | | MS.51221A | | |