

Turner Fluid Power Limited

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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 4 spiral 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 fuel and lubricating oils. The "Greenline" version is also suitable for use with biodegradable hydraulic oils based on rapeseed and synthetic esters.

Replaces: **BTR 420**

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