

## Dunlop Hiflex 121 EN857 1SC

Specification for: 121T - Black Rubber Cover  
: 121X - 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	0.402	10.2	0.500	12.7	3,260	225	13,050	900	2.00	50	0.13	0.20
5/16	8.0	0.461	11.7	0.559	14.2	3,120	215	12,470	860	2.25	55	0.15	0.23
3/8	9.5	0.535	13.6	0.634	16.1	2,610	180	10,440	720	2.50	60	0.19	0.28
1/2	12.7	0.669	17.0	0.768	19.5	2,320	160	9,280	640	3.00	80	0.24	0.36
5/8	15.9	0.803	20.4	0.902	22.9	1,880	130	7,540	520	3.50	90	0.31	0.46
3/4	19.0	0.937	23.8	1.035	26.3	1,520	105	6,090	420	4.00	100	0.36	0.54
1	25.4	1.232	31.3	1.331	33.8	1,280	88	5,100	352	6.50	160	0.54	0.81

**Product Information**

- Description : Compact low wire braid hydraulic hose  
 Liner : Black; oil resistant synthetic rubber  
 Cover (121T) : Black; oil, water, ozone & flame resistant synthetic rubber  
 Cover (121X) : Black; oil, water, ozone & abrasion resistant Tuflex®\*  
 Reinforcement : One braid 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 oil.

Replaces: BTR 121B

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