

**MATERIAL**

**FLEXADUX® PU FLX-THANE® VHD**



**APPLICATIONS**

Recommended for light bulk material handling applications: Abrasion resistance; agricultural; concrete transport; lawn & leaf collection; material handling; paper mills; paper trim conduit; powder & bulk; straw blowing; street & parking lot sweepers

**FEATURES**

Great abrasion resistance & high tear strength; superior chemical resistance; excellent flexibility; designed for applications with wide temperature ranges; ideal for severe service applications; very good low temperature flexibility; clear is manufactured with FDA acceptable materials; available in metric sizes, consult sales team on pricing & minimums; wall thickness = 0.045" (2" to 3.5"), .060" (4" & above); available with factory-installed 2" soft cuffs

**CONSTRUCTION**

Very heavy weight polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)

**REINFORCEMENT**

Coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)

**I.D. TOLERANCES**

To 8 Inch: -0.00 to +0.125 Inch  
8 Inch and over: -0.00 to +0.250 Inch

**COLOUR**

Clear, black  
(translucent blue available)

**TEMPERATURE RANGE**

-65°F to 225°F

**COMPRESSION RATIO**

2:1

**TECHNICAL DATA**

I.D Ø		Appro. Weight	Min. Centerline Bend Radius	Max. Recommended (-) Pressure	Max. Recommended (+) Pressure	Std. Length
(inch)	(mm)	(lbs/ft)	(inch)	(in/hg)	(psi)	(ft)
4	101.6	1	4	29	34	25
5	127	1.3	5	17	33	25
6	152.4	1.5	6	15	32	25
8	203.2	1.9	8	9	29	25
10	254	2.2	10	4	25	25
12	304.8	2.6	12	2.5	20	25
14*	355.6	3.8	14	3.5	18	25
16*	406.4	4.2	16	2.5	15	25
18*	457.2	4.8	18	1.5	12	25

\* Wire not coated  
Technical data based on 2 ft. straight lengths of hose @ 72° F  
Custom to 24 inch I.D.