

VENA® TECHNIPUR® S100/S200



> MATERIAL:

Food quality polyurethane, produced in accordance with the main food and pharm certifications.

Smooth mandrel-made polyurethane hose

> CERTIFICATIONS:

- US FDA (Foods and Drugs Administration) Standard 21 CFR 177.1680 and CFR 177.2600.
- 1935/2004/EC Regulation and European Council Resolution AP 2004 (5) – silicones and 10/2011/EC (Migration Test).

> STAINLESS STEEL INSIDE:

Stainless steel wire spring (can be equipped with 316L stainless steel wire and fittings under demand).

> INNER APPEARANCE:

Translucent and smooth.

> MAXIMUM LENGTH OF MANUFACTURE:

6 m (20 ft) under request.

> ALTERNATIVES:

VENA TECHNIPUR X S100 AND X S200: It is the conductive version which has an electrical surface resistivity of $<10^9$ [$\Omega \cdot m$] according to IEC/TS 60079-32-1.



TEMPERATURE SCALE:

-20°C / +80°C
(-4°F / +176°F)



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OUTER APPEARANCE:

VENA® TECHNIPUR® S200 is translucent and smooth.



OUTER APPEARANCE:

VENA® TECHNIPUR® S100 is translucent and corrugated.

APPLICATIONS:

Recommended for pneumatic transport of bulk materials and for vacuum of all types of abrasive particles.

VENA® TECHNIPUR® S100

INNER DIAMETER		WALL THICKNESS		WORKING PRESSURE		BURSTING PRESSURE	
				ISO 1402/2009		ISO 1402/2009	
mm	inch	+1/ -0.5 mm	+0.04/ -0.02 inch	Bar at 20°C	Psi at 68°F	Bar at 20°C	Psi at 68°F
20	0,79	3,6	0,14	10,73	155,51	32,18	466,54
25	0,98	3,6	0,14	9,75	141,43	29,26	424,29
30	1,18	3,6	0,14	8,83	128,02	26,49	384,06
32	1,26	3,6	0,14	8,47	122,85	25,42	368,54
35	1,38	3,6	0,14	7,95	115,29	23,85	345,87
38	1,5	3,6	0,14	7,45	107,98	22,34	323,93
40	1,57	3,6	0,14	7,12	103,24	21,36	309,71
45	1,77	3,6	0,14	6,34	91,86	19,01	275,58
51	2,01	3,6	0,14	5,46	79,1	16,37	237,3
60	2,36	3,6	0,14	4,26	61,79	12,78	185,36
63,5	2,5	3,6	0,14	3,84	55,64	11,51	166,93
70	2,76	3,6	0,14	3,11	45,12	9,34	135,36
76	2,99	3,6	0,14	2,51	36,42	7,54	109,26
82	3,23	3,6	0,14	1,98	28,69	5,94	86,08
90	3,54	3,6	0,14	1,37	19,91	4,12	59,73
102	4,02	3,6	0,14	0,69	9,98	2,06	29,94
114	4,49	3,6	0,14	0,27	3,95	0,82	11,84
127	5	3,6	0,14	0,12	1,81	0,37	5,43
152	5,98	3,6	0,14	N/A	N/A	N/A	N/A
180	7,09	3,6	0,14	N/A	N/A	N/A	N/A

* N/A: Not available

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