

PU HOSE - LIGHT DUTY Ether Grade

PU 4 C ECO Non Toxic / PU 4 C Virgin Food Grade



Structure:

Wall made of highly abrasion resistant Polyether-Polyurethane - as microbes and hydrolysis resistant version (wall thickness between the spirals approx. 0.4 mm), copper-plated spring steel spiral embedded into the wall



Characteristics:

Very light and extremely flexible PU hose with good tensile and abrasion strengths and ultimate elongation. Free of softeners, halogen-free, cadmium-free and produced according to FDA regulations, resistant to hydrolysis and microbes

Applications:

Ideal hoses for spinning mills - for Carding, Draw frames, Comber, Blow rooms, Ginning, Spinning, Compact spinning, Waste collection, Speed frame, Ring frame, Filter, Bale plucker, O.H.T.C., Dust collection system, Humidification Plants - Wood Working Industry - as dust collector hoses for Edge banders, CNC Routers and Engravers, Planers, Sanders, Panel saws - Warm air conveyance - fine dust and light particle removal - Exhaust of smoke and chemical fumes - as Bellow hose - other air pollution control machineries in Cement, Metal crushing, Rubber, Food & Pharmaceutical industry. For Flexographic - Rotogravure - Offset - Printing machines, Packaging and Plastic Processing industry. Ceramic industries.

Temperature range:

-40°C to + 90°C (short-term up to + 125°C)

Colour:

Transparent

Specials:

Also available as Flame Retardant and Permantly Antistatic versions.



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



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TECHNICAL DATA



PU 4 C ECO Non Toxic / PU 4 C Virgin Food Grade

					
int mm	kg/m	mm	mm	bar	bar
25	0.13	0.4	16	0.6	0.3
30	0.15	0.4	20	0.55	0.25
40	0.23	0.4	28	0.5	0.25
50	0.29	0.4	35	0.4	0.2
60	0.34	0.4	42	0.4	0.16
80	0.46	0.4	56	0.27	0.1
100	0.52	0.4	70	0.2	0.09
120	0.61	0.4	88	0.2	0.08
140	0.66	0.4	92	0.15	0.08
150	0.78	0.4	105	0.1	0.07
160	0.85	0.4	114	0.09	0.06
180	0.95	0.4	128	0.09	0.06
200	1.02	0.4	140	0.08	0.05
215	1.14	0.4	185	0.07	0.05
225	1.2	0.4	200	0.06	0.04
250	1.28	0.4	205	0.05	0.04
300	1.54	0.4	210	0.03	0.03
400	2.05	0.4	280	0.01	0.01
500	2.56	0.4	350	0.01	0.01
600	4.6	0.4	400	0.01	0.01
710	5.44	0.4	497	0.01	0.01
800	6.13	0.4	560	0.01	0.01

Depending on installation or operating conditions, the vacuum or pressure values may differ from those stated in the table. In doubtful cases, provide a description of the application you have in mind, and we will be pleased to advice you. Alternative sizes and colours, different tolerances etc. can be supplied on request. Technical Data (at 20°C)