

# Polyurethane Medium Duty Ducting

## Specification Sheet

**Product Code: 3682---**

### For further information:

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A light-weight and flexible medium duty PU ducting, for use in abrasive applications.

**Construction:** Hose wall – pure polyester polyurethane with flame retardant additives, approx 0.5mm  
Helix – spring steel wire

**Applications:** Suction and transport hose for abrasive solids  
Wood processing industries

**Properties:** Light, extremely flexible, and highly abrasion-resistant with a mostly smooth lining  
Generally good UV and ozone resistance, and flame retardant to DIN 4102 B1  
Gas-tight, and solvent, oil and petroleum-proof  
Phthalate free

Temperature range: -40°C to +90°C, intermittent to +125°C

Standard length: 10 metre

I.D. (mm)	O.D. (mm)	Working Pressure		Bend Radius (mm)	Vacuum (mmHg)	Weight (kg/c)	Code
		(bar)	(psi)				
50	57	0.78	11.3	25	150	3.00	3682051
65	73	0.68	9.86	38	117	3.80	3682063
75	83	0.61	8.85	43	95	5.00	3682076
80	88	0.53	7.69	45	95	5.30	3682080
90	99	0.46	6.67	50	69	6.00	3682089
100	108	0.46	6.67	55	69	6.70	3682102
115	124	0.38	5.51	63	69	7.60	3682115
125	134	0.38	5.51	68	69	8.30	3682127
140	149	0.30	4.35	75	47	8.60	3682140
150	159	0.30	4.35	80	47	8.90	3682152
160	169	0.30	4.35	85	47	10.5	3682160
180	189	0.23	3.34	95	47	11.3	3682178
200	210	0.23	3.34	105	47	12.5	3682203
225	235	0.15	2.18	118	22	14.1	3682228
250	260	0.15	2.18	130	22	14.9	3682254
300	310	0.14	2.03	155	20	17.8	3682305

All pressure ratings quoted at ambient temperature