

PU 25 C ECO

Very heavy Polyurethane ducting

- Polyether-Polyurethane
- good abrasion resistance
- extremely heavy

MEDIUM



PROPERTIES



Structure:

Polyether-Polyurethane

Characteristic:

Excellent abrasion and vacuum resistance, good resistance to oil and petrol fumes, non toxic, very smooth bore, good flexibility, resistant to hydrolysis and microbes, ECO friendly

Acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dusts and bulks solids in Zone 22. Gases and liquids with low conductivity of electrostatic charges in Zone 2

Applications:

Suction and transport of abrasive materials e.g. sand, pebbles, grain or other bulk stuff. Conveying of roof gravel or substratum, as head hose for suction trucks, in agriculture, for silo loading

Temperature range:

-40°C up to +100°C

Colour:

Transparent

Further versions:

PU 25 C - food grade version

For more information about Eco-friendly products and sustainability at VACUFLEX visit our sustainability page

[Sustainable Products – Made in Germany](#)

| I.D. Ø mm | O.D. Ø mm | Wall thickness mm | r (mind.) mm | Weight ca. kg/m | Vacuum bar | Pressure bar | Part no. |
|--------------|--------------|----------------------|-----------------|--------------------|---------------|-----------------|------------|
| 40 | - | 2,5 | 100 | 1,10 | 0,81 | 3,33 | 5345000400 |

| I.D. Ø mm | O.D. Ø mm | Wall thickness mm | r (mind.) mm | Weight ca. kg/m | Vacuum bar | Pressure bar | Part no. |
|--------------|--------------|----------------------|-----------------|--------------------|---------------|-----------------|------------|
| 45 | - | 2,5 | 113 | 1,22 | 0,81 | 3,14 | 5345000450 |
| 50 | - | 2,5 | 125 | 1,35 | 0,81 | 3,09 | 5345000500 |
| 60 | - | 2,5 | 150 | 1,62 | 0,81 | 3,04 | 5345000600 |
| 70 | - | 2,5 | 175 | 1,89 | 0,76 | 2,85 | 5345000700 |
| 75 | - | 2,5 | 188 | 1,95 | 0,76 | 2,38 | 5345000750 |
| 80 | - | 2,5 | 200 | 2,08 | 0,76 | 2,09 | 5345000800 |
| 90 | - | 2,5 | 225 | 2,34 | 0,67 | 1,95 | 5345000900 |
| 100 | - | 2,5 | 250 | 2,59 | 0,67 | 1,57 | 5345001000 |
| 110 | - | 2,5 | 275 | 2,85 | 0,67 | 1,42 | 5345001100 |
| 120 | - | 2,5 | 300 | 3,10 | 0,62 | 1,38 | 5345001200 |
| 130 | - | 2,5 | 325 | 3,28 | 0,62 | 1,23 | 5345001300 |
| 140 | - | 2,5 | 350 | 3,53 | 0,52 | 1,19 | 5345001400 |
| 150 | - | 2,5 | 375 | 3,72 | 0,52 | 1,02 | 5345001500 |
| 160 | - | 2,5 | 400 | 3,97 | 0,48 | 0,95 | 5345001600 |
| 180 | - | 2,5 | 450 | 4,19 | 0,48 | 0,86 | 5345001800 |
| 200 | - | 2,5 | 500 | 4,40 | 0,39 | 0,81 | 5345002000 |

Further diameters upon request.

State: 26.05.2024