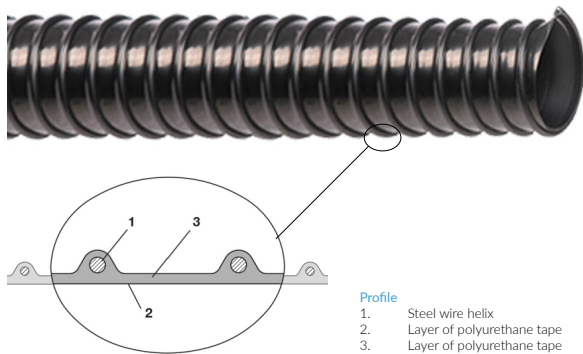


T3355-2313

Flexible Ducting

Electrically Conductive Polyurethane Ducting

1.45mm Wall



Key Features

- Lightweight
- Resistant to abrasion and flexion
- Smooth inner surface
- High flexibility and elasticity
- Good chemical resistance

Standards & Specifications

ATEX TRBS 2153 - Electrically conductive to $R < 10^3 \text{ Ohm}$
(Zones 0 & 20)

Description

An extremely flexible, heavy walled, smoothbore ducting manufactured from electrically conductive, highly abrasion resistant polyurethane (polyester). High vacuum resistance.

Applications

This electrically conductive suction and blasting ducting has a smooth inner wall for abrasive, coarse solids in explosive environments. It is also suitable for equipment which have a higher vacuum capability.

Construction

Liner

Smooth, black, inner layer of polyurethane (polyester)

Reinforcement

Spring steel wire

Cover

Smooth, black, inner layer of polyurethane (polyester)

Temperature Range

-40°C to +90°C

| Specification | | | | | | | | |
|---------------|---------|---------|-----------|------------------|----------|--------------|---------------|--------------------|
| Size | ID (mm) | OD (mm) | Wall (mm) | Bend Radius (mm) | WP (bar) | Vacuum (bar) | Weight (kg/m) | Product Code |
| 1 1/2" | 38 | 47 | 1.45 | 74 | 3.12 | 0.82 | 0.46 | T3350-2313-038-103 |
| - | 40 | 49 | 1.45 | 77 | 3.00 | 0.81 | 0.49 | T3350-2313-040-103 |
| 1 3/4" | 45 | 55 | 1.45 | 85 | 2.95 | 0.80 | 0.55 | T3350-2313-045-103 |
| 2" | 50 | 61 | 1.45 | 92 | 2.90 | 0.78 | 0.77 | T3350-2313-050-103 |
| 2 3/8" | 60 | 70 | 1.45 | 107 | 2.55 | 0.73 | 0.84 | T3350-2313-060-103 |
| 2 1/2" | 65 | 75 | 1.45 | 119 | 2.40 | 0.66 | 0.91 | T3350-2313-065-103 |
| - | 70 | 80 | 1.45 | 122 | 2.25 | 0.66 | 0.97 | T3350-2313-070-103 |
| 3" | 75 | 87 | 1.45 | 131 | 2.00 | 0.58 | 1.06 | T3350-2313-075-103 |
| - | 80 | 91 | 1.45 | 137 | 2.00 | 0.58 | 1.25 | T3350-2313-080-103 |
| 4" | 100 | 112 | 1.45 | 170 | 1.50 | 0.44 | 1.48 | T3350-2313-100-103 |
| - | 110 | 121 | 1.45 | 184 | 1.35 | 0.44 | 1.68 | T3350-2313-110-103 |
| - | 120 | 131 | 1.45 | 199 | 1.30 | 0.30 | 1.75 | T3350-2313-120-103 |
| 5" | 125 | 138 | 1.45 | 208 | 1.30 | 0.30 | 1.96 | T3350-2313-125-103 |
| - | 140 | 151 | 1.45 | 229 | 1.05 | 0.24 | 2.11 | T3350-2313-140-103 |

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1.45mm Wall

| Specification | | | | | | | | |
|---------------|---------|---------|-----------|------------------|----------|--------------|---------------|--------------------|
| Size | ID (mm) | OD (mm) | Wall (mm) | Bend Radius (mm) | WP (bar) | Vacuum (bar) | Weight (kg/m) | Product Code |
| 6" | 150 | 163 | 1.45 | 247 | 1.05 | 0.24 | 2.29 | T3350-2313-150-103 |
| - | 160 | 171 | 1.45 | 260 | 0.90 | 0.24 | 2.67 | T3350-2313-160-103 |
| - | 175 | 186 | 1.45 | 283 | 0.90 | 0.18 | 2.74 | T3350-2313-175-103 |
| 7" | 180 | 191 | 1.45 | 290 | 0.75 | 0.18 | 2.82 | T3350-2313-180-103 |
| 8" | 200 | 215 | 1.45 | 326 | 0.75 | 0.18 | 3.30 | T3350-2313-200-103 |
| - | 225 | 237 | 1.45 | 358 | 0.60 | 0.12 | 3.65 | T3350-2313-225-103 |
| 10" | 250 | 263 | 1.45 | 395 | 0.60 | 0.12 | 3.84 | T3350-2313-250-103 |
| - | 275 | 288 | 1.45 | 431 | 0.45 | 0.12 | 4.30 | T3350-2313-275-103 |
| 12" | 300 | 313 | 1.45 | 465 | 0.45 | 0.12 | 4.94 | T3350-2313-300-103 |
| - | 315 | 328 | 1.45 | 498 | 0.45 | 0.12 | 5.19 | T3350-2313-315-103 |
| - | 325 | 338 | 1.45 | 513 | 0.45 | 0.12 | 5.35 | T3350-2313-325-103 |
| - | 350 | 363 | 1.45 | 550 | 0.45 | 0.12 | 6.96 | T3350-2313-350-103 |
| - | 400 | 413 | 1.45 | 625 | 0.30 | 0.06 | 7.95 | T3350-2313-400-103 |
| - | 450 | 463 | 1.45 | 700 | 0.30 | 0.06 | 8.94 | T3350-2313-450-103 |
| - | 500 | 513 | 1.45 | 775 | 0.30 | 0.06 | 9.93 | T3350-2313-500-103 |