



Profile
1. Hot zinc dipped steel helix support
2. Special coated high temperature resistance fabric

Key Features

- Excellent temperature resistance
- Excellent compressibility
- Good vacuum resistance
- Excellent flexibility

Standards & Specifications

ATEX TRBS 2153

Description

A highly flexible, high temperature resistance, mechanically bonded, 1 ply exhaust gas ducting which is partially kink resistant

Applications

Engine test beds, exhaust gases in machinery construction, suction of fumes and furnace exhaust. Suitable for use in zone 1 and zone 21 ATEX / TRBS 2153 for the download of electro-static build-up when both helix ends are earthed

Construction

Liner

Special coated high temperature resistance fabric

Reinforcement

Hot zinc dipped steel helix

Cover

Special coated high temperature resistance fabric

Temperature Range

-20°C +400°C (Intermittent 450°C)

| Specification | | | | | | |
|---------------|---------|------------------|------------------|---------------|----------------|--|
| Size | ID (mm) | Bend Radius (mm) | Vacuum (ca. bar) | Weight (kg/m) | Product Code | |
| | 40 | 24 | 0.388 | 0.40 | T3930-0400-040 | |
| | 50 | 30 | 0.345 | 0.40 | T3930-0400-050 | |
| | 55 | 33 | 0.286 | 0.44 | T3930-0400-055 | |
| | 60 | 36 | 0.240 | 0.48 | T3930-0400-060 | |
| | 65 | 39 | 0.205 | 0.52 | T3930-0400-065 | |
| | 70 | 42 | 0.173 | 0.56 | T3930-0400-070 | |
| | 75 | 45 | 0.151 | 0.60 | T3930-0400-075 | |
| | 80 | 48 | 0.135 | 0.68 | T3930-0400-080 | |
| | 90 | 54 | 0.108 | 0.73 | T3930-0400-090 | |
| | 100 | 60 | 0.086 | 0.81 | T3930-0400-100 | |
| | 110 | 66 | 0.072 | 0.89 | T3930-0400-110 | |
| | 120 | 72 | 0.061 | 0.97 | T3930-0400-120 | |
| | 125 | 75 | 0.054 | 1.01 | T3930-0400-125 | |
| | 130 | 78 | 0.051 | 1.05 | T3930-0400-130 | |
| | 140 | 84 | 0.045 | 1.14 | T3930-0400-140 | |
| | 150 | 90 | 0.039 | 1.22 | T3930-0400-150 | |
| | 160 | 96 | 0.034 | 1.30 | T3930-0400-160 | |
| | 170 | 102 | 0.030 | 1.38 | T3930-0400-170 | |

T3930-0400

Flexible Ducting

Exhaust Gas

| Specification | | | | | |
|---------------|---------|------------------|------------------|---------------|----------------|
| Size | ID (mm) | Bend Radius (mm) | Vacuum (ca. bar) | Weight (kg/m) | Product Code |
| | 175 | 105 | 0.028 | 1.42 | T3930-0400-175 |
| | 180 | 108 | 0.026 | 1.95 | T3930-0400-180 |
| | 200 | 120 | 0.022 | 2.05 | T3930-0400-200 |
| | 215 | 151 | 0.020 | 2.20 | T3930-0400-215 |
| | 225 | 158 | 0.018 | 2.30 | T3930-0400-225 |
| | 250 | 175 | 0.015 | 2.55 | T3930-0400-250 |
| | 275 | 193 | 0.012 | 2.80 | T3930-0400-275 |
| | 300 | 210 | 0.010 | 2.60 | T3930-0400-300 |
| | 315 | 221 | 0.009 | 2.75 | T3930-0400-315 |
| | 325 | 228 | 0.008 | 2.85 | T3930-0400-325 |
| | 350 | 245 | 0.007 | 3.05 | T3930-0400-350 |
| | 375 | 263 | 0.006 | 3.27 | T3930-0400-375 |
| | 400 | 280 | 0.005 | 3.50 | T3930-0400-400 |
| | 450 | 360 | 0.004 | 3.55 | T3930-0400-450 |
| | 500 | 400 | 0.003 | 3.84 | T3930-0400-500 |
| | 550 | 440 | 0.003 | 4.20 | T3930-0400-550 |
| | 600 | 480 | 0.002 | 4.60 | T3930-0400-600 |
| | 700 | 560 | 0.002 | 5.37 | T3930-0400-700 |
| | 800 | 640 | 0.002 | 6.14 | T3930-0400-800 |
| | 900 | 720 | 0.001 | 6.90 | T3930-0400-900 |