



INDUFLEX

Corrugated pipe - PA 6 - Standard



Application area

Hose to be applied in machine construction and in automotive industry, automation technology and other technical applications,

Material

PA 6, free of halogens

Chemical resistance

PA 6 is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PA 6.

Physical properties

Raw material:

| | | |
|--------------------------------------|----------------------|-------------------|
| Elastic modulus [MPa] | DIN ISO 527-1/-2 | 1400 |
| Impact strength [kJ/m ²] | DIN ISO 179-1 (23°C) | NB |
| | (-30°C) | NB |
| Tensile strength [MPa] | DIN ISO 527-1/-2 | >50 |
| Elongation at break [%] | DIN ISO 527-1/-2 | >100 |
| Volume resistivity [Ω cm] | DIN IEC 60093 | >10 ¹¹ |
| Surface resistivity [Ω] | DIN IEC 60093 | <10 ¹³ |
| Flammability | UL 94 | HB |

Tube:

| | | |
|---|------|----------------------|
| Working temperature (permanent) | [°C] | -40 up to +120 |
| Working temperature (short term) | [°C] | +150 |
| Fire behaviour | | FMVSS 302, DIN 75200 |
| UL-Admission from NW 17 up to NW 50 * | | UL File E 209725 |
| (No UL-Admission for all slotted pipes) | | |

| Art. No. (not slotted) | Art. No. (slotted) | Diameter NW [mm] | Outer Ø AD [mm] | Inner Ø ID [mm] | Bending radius [mm] | Packing unit [m] |
|---------------------------|-----------------------|---------------------|--------------------|--------------------|------------------------|---------------------|
| TM0043001U8 | TM1043001U8 | 4.5 | 7.3 | 4.3 | ≥ 8 | 100 |
| TM07F3050U8 | TM17F3050U8 | 7F | 10.2 | 7.2 | ≥ 7 | 50 |
| TM0073050U8 | TM1073050U8 | 7.5 | 10.0 | 6.7 | ≥ 13 | 50 |
| TM0853050U8 | TM1853050U8 | 8.5 | 11.7 | 8.4 | ≥ 15 | 50 |
| TM0103050U8 | TM1103050U8 | 10 | 13.0 | 9.9 | ≥ 20 | 50 |
| TM0123050U8 | TM1123050U8 | 12 | 15.7 | 12.2 | ≥ 30 | 50 |
| TM0133050U8 | TM1133050U8 | 13 | 15.8 | 12.7 | ≥ 35 | 50 |
| TM0143050U8 | TM1143050U8 | 14 | 18.5 | 14.2 | ≥ 40 | 50 |
| TM0173050U8 | TM1173050U8 | 17 | 21.2 | 16.6 | ≥ 45 | 50 |
| TM0193050U8 | TM1193050U8 | 19 | 24.3 | 19.3 | ≥ 50 | 50 |
| TM0223050U8 | TM1223050U8 | 22 | 25.4 | 21.3 | ≥ 50 | 50 |
| TM0233050U8 | TM1233050U8 | 23 | 28.3 | 23.2 | ≥ 55 | 50 |
| TM0263025U8 | TM1263025U8 | 26 | 31.2 | 25.8 | ≥ 60 | 25 |
| TM0293025U8 | TM1293025U8 | 29 | 34.5 | 29.0 | ≥ 65 | 25 |
| TM0373025U8 | TM1373025U8 | 37 | 42.4 | 36.0 | ≥ 90 | 25 |
| TM0503025U8 | TM1503025U8 | 50 | 53.8 | 48.1 | ≥ 100 | 25 |
| TM0563025U8 | TM1563025U8 | 56 | 67.9 | 56.3 | ≥ 100 | 25 |
| TM0703025U8 | TM1703025U8 | 70 | 79.2 | 66.5 | ≥ 130 | 25 |
| TM0953010U8 | TM1953010U8 | 95 | 106.0 | 91.0 | ≥ 150 | 10 |

Subject to modifications and amendments! / October 2023