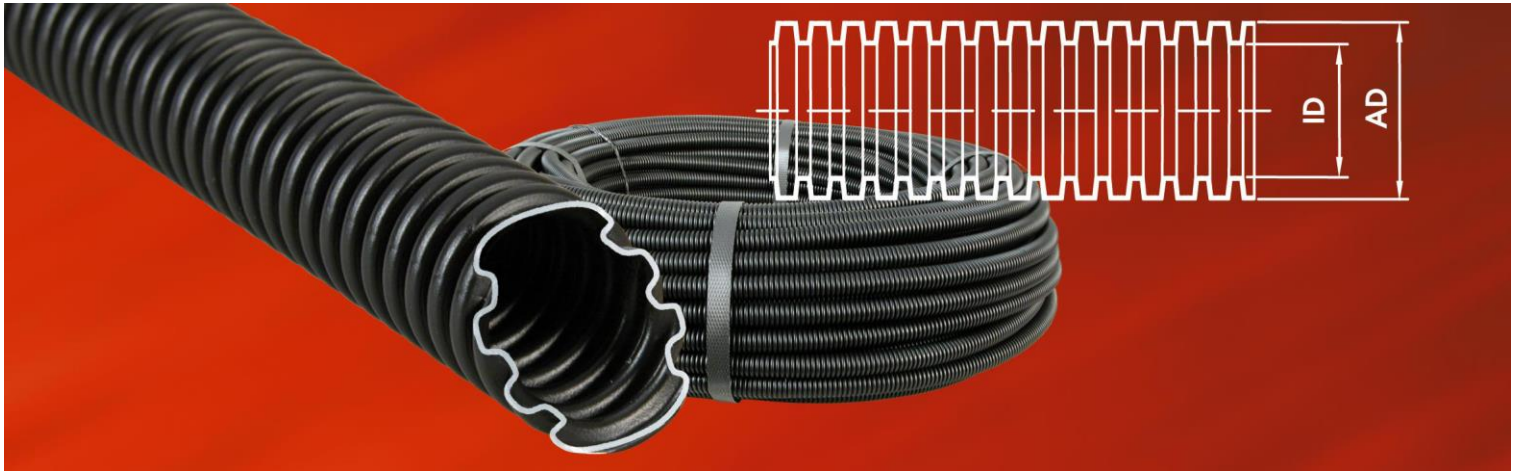


# INDUFLEX

Corrugated pipe - PP-mod



### Application area

Hose to be applied in machine construction and in automotive industry

### Material

Polypropylenecopolymer, high heat stabilised

### Chemical resistance

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

### Physical properties

#### Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	1100
Impact strength [kJ/m <sup>2</sup> ]	DIN ISO 179-1eU	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	22
Elongation at break [%]	DIN ISO 527-1/-2	>250
Volume resistivity [ $\Omega$ cm]	DIN IEC 60093	>10 <sup>12</sup>
Surface resistivity [ $\Omega$ ]	DIN IEC 60093	<10 <sup>12</sup>

#### Tube:

Working temperature (permanent)	[°C]	-40 up to +130
Working temperature (short term)	[°C]	+150
Fire behaviour	FMVSS 302, DIN 75200	HB

Art. No. (not slotted)	Art. No. (slotted)	Diameter NW [mm]	Outer $\varnothing$ [mm]	Inner $\varnothing$ [mm]	Bending radius [mm]	Packing unit [m]
TK0043001U8	TK1043001U8	4,5	7,1	4,5	> 12	100
TK07F3050U8	TK17F3050U8	7F	10,2	7,2	> 7	50
TK0073050U8	TK1073050U8	7,5	9,9	6,9	> 15	50
TK0853050U8	TK1853050U8	8,5	11,4	8,5	> 18	50
TK0103050U8	TK1103050U8	10	12,9	10,1	> 18	50
TK0123050U8	TK1123050U8	12	15,6	12,5	> 20	50
TK0133050U8	TK1133050U8	13	15,8	12,9	> 22	50
TK0143050U8	TK1143050U8	14	18,3	14,5	> 25	50
TK0173050U8	TK1173050U8	17	21,0	16,8	> 30	50
TK0193050U8	TK1193050U8	19	24,0	19,4	> 35	50
TK0223050U8	TK1223050U8	22	25,2	21,8	> 37	50
TK0233050U8	TK1233050U8	23	28,4	23,7	> 42	50
TK0263025U8	TK1263025U8	26	31,0	26,4	> 47	25
TK0293025U8	TK1293025U8	29	34,1	29,3	> 60	25
TK0373025U8	TK1373025U8	37	41,6	36,5	> 70	25
TK0503025U8	TK1503025U8	50	53,6	47,8	> 100	25
TK0563025U8	TK1563025U8	56	67,9	56,3	> 100	25
TK0703025U8	TK1703025U8	70	79,2	66,5	> 135	25
TK0953010U8	TK1953010U8	95	106,0	91,0	> 150	10

Tolerances in mm		
Diam/NW	Outside	Inside
4,5 to 16	+/- 0,3	+/- 0,3
17 to 29	+/- 0,4	+/- 0,4
34 to 50	+/- 0,5	+/- 0,5
56 to 95	+/- 1%	+/- 1%

Subject to modifications and amendments! / October 2023