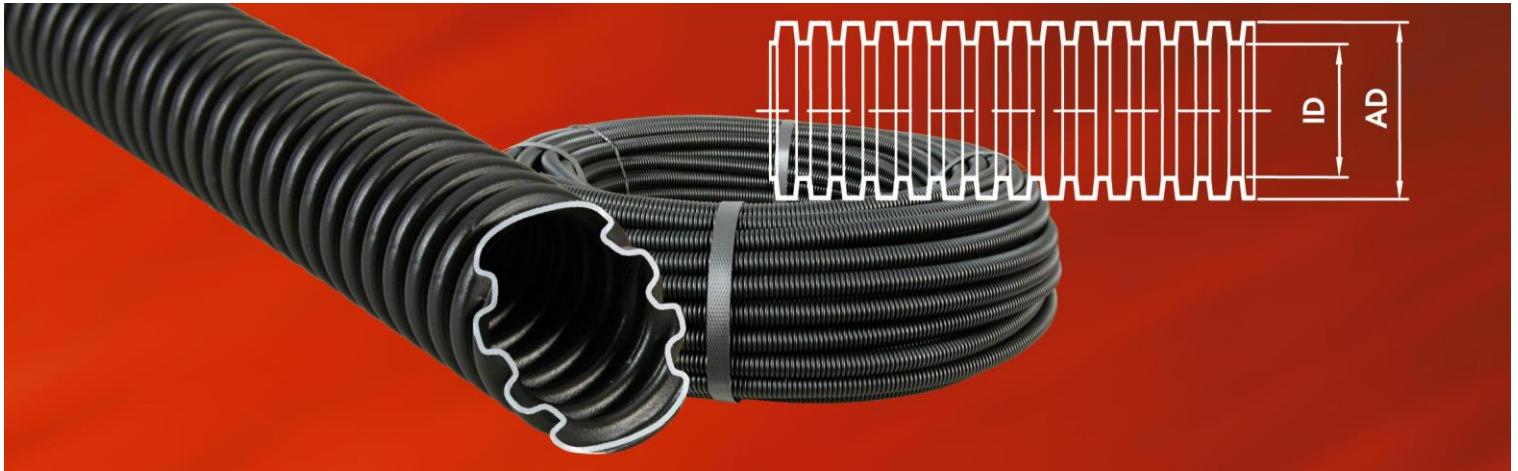


INDUFLEX

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 ²]	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 [Ω cm]	DIN IEC 60093	<10 ¹²
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹²

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	> 130	25

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

Subject to modifications and amendments! / February 2020