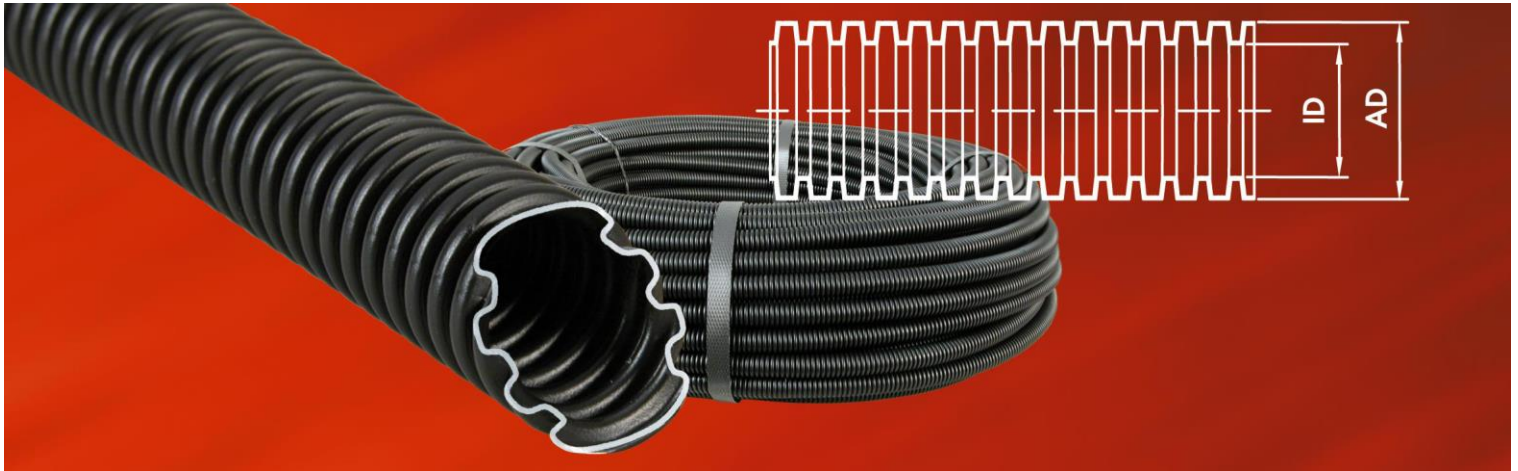


INDUFLEX

Corrugated pipe - PP -



Application area

Hose to be applied in machine construction and in automotive industry

Material

Polypropylen-copolymer

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	1300
Impact strength [kJ/m ²]	DIN ISO 179-1eU	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	26
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
UL	UL 94	HB

Tube:

Working temperature (permanent)	[°C]	-40 up to +105
Working temperature (short term)	[°C]	+140
Fire behaviour	FMVSS 302, DIN 75200	

Art. No. (not slotted)	Art. No. (slotted)	Diameter NW [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Bending radius [mm]	Packing unit [m]
TG0043001U8	TG1043001U8	4,5	7,1	4,5	> 12	100
TG07F3050U8	TG17F3050U8	7F	10,2	7,2	> 7	50
TG0073050U8	TG1073050U8	7,5	9,9	6,9	> 15	50
TG0853050U8	TG1853050U8	8,5	11,4	8,5	> 18	50
TG0103050U8	TG1103050U8	10	12,9	10,1	> 18	50
TG0123050U8	TG1123050U8	12	15,6	12,5	> 20	50
TG0133050U8	TG1133050U8	13	15,8	12,9	> 22	50
TG0143050U8	TG1143050U8	14	18,3	14,5	> 25	50
TG0173050U8	TG1173050U8	17	21,0	16,8	> 30	50
TG0193050U8	TG1193050U8	19	24,0	19,4	> 35	50
TG0223050U8	TG1223050U8	22	25,2	21,8	> 37	50
TG0233050U8	TG1233050U8	23	28,4	23,7	> 42	50
TG0263025U8	TG1263025U8	26	31,0	26,4	> 47	25
TG0293025U8	TG1293025U8	29	34,1	29,3	> 60	25
TG0373025U8	TG1373025U8	37	41,6	36,5	> 70	25
TG0503025U8	TG1503025U8	50	53,6	47,8	> 100	25
TG0563025U8	TG1563025U8	56	67,9	56,3	> 100	25
TG0703025U8	TG1703025U8	70	79,2	66,5	> 135	25
TG0953010U8	TG1953010U8	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! / Oktober 2023