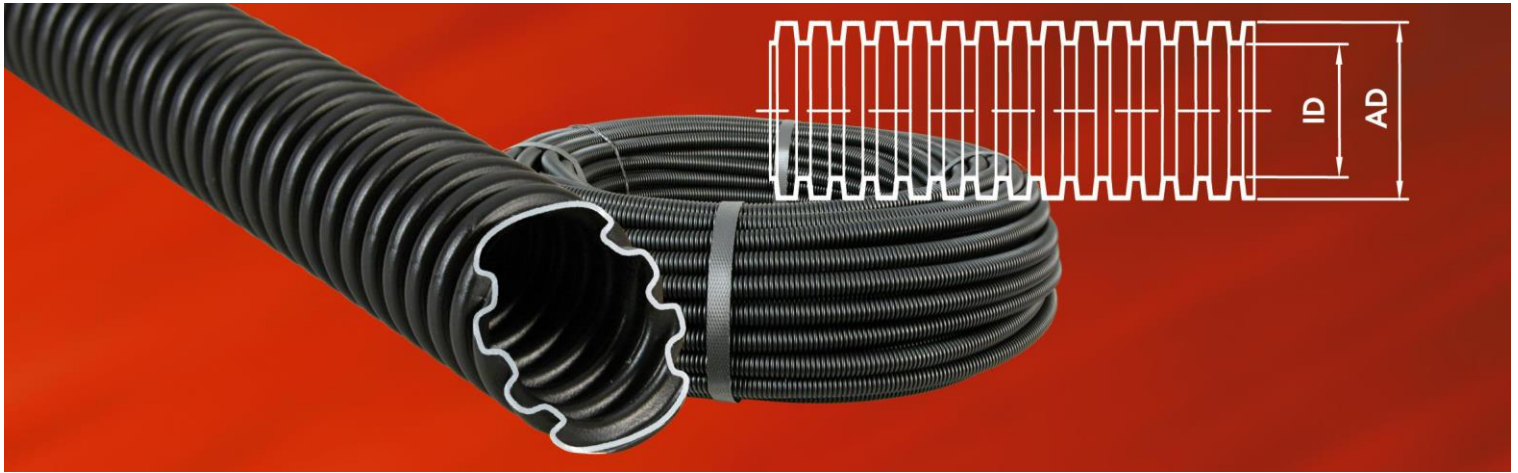


INDUFLEX

Corrugated pipe - PP -



Application area

Hose to be applied in machine construction and in automotive industry

Material

Polypropylencopolymer

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	> 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