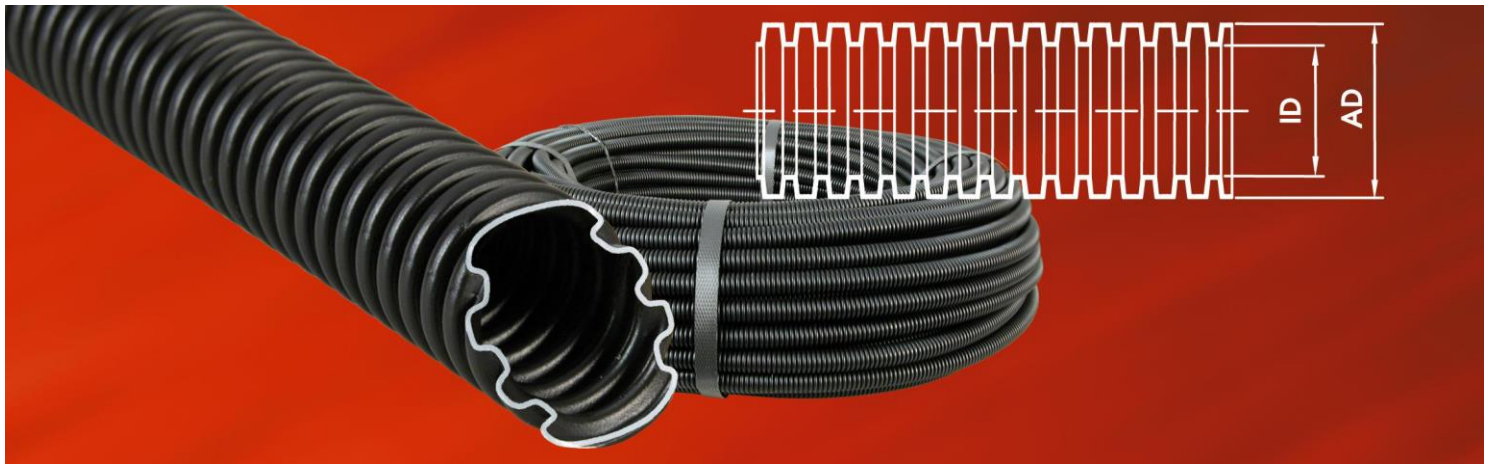


INDUFLEX

Corrugated pipe - PA 12 – V2



Application area

Hose to be applied in machine construction and in automotive industry

Material

Polyamid 12, free of halogens, impact resistant

Chemical resistance

PA 12 is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PA 12.

Physical properties

Raw material::

Elastic modulus [MPa]	DIN ISO 527-1/-2	1100
Impact strength [kJ/m ²]	DIN ISO 179-1eU (23°C)	NB
	(-30°C)	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>45
Elongation at break [%]	DIN ISO 527-1/-2	>50
Volume resistivity [Ω cm]	DIN IEC 60093	<10 ¹¹
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹²
Flammability	UL 94	V2

tube:

Working temperature (permanent)	[°C]	-40° to +110°C
Working temperature (short term)	[°C]	+ 150° C
Fire behaviour		FMVSS 302, DIN 75200

Art. No. (non slotted)	Art. No. (slotted)	Diameter NW [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Bending radius [mm]	Packing unit [m]
TT0043001U8	TT1043001U8	4,5	7,1	4,5	> 12	100
TT07F3050U8	TT17F3050U8	7F	10,2	7,2	> 7	50
TT0073050U8	TT1073050U8	7,5	9,9	6,9	> 15	50
TT0853050U8	TT1853050U8	8,5	11,4	8,5	> 18	50
TT0103050U8	TT1103050U8	10	12,9	10,1	> 18	50
TT0123050U8	TT1123050U8	12	15,6	12,5	> 20	50
TT0133050U8	TT1133050U8	13	15,8	12,9	> 22	50
TT0143050U8	TT1143050U8	14	18,3	14,5	> 25	50
TT0173050U8	TT1173050U8	17	21,0	16,8	> 30	50
TT0193050U8	TT1193050U8	19	24,0	19,4	> 35	50
TT0223050U8	TT1223050U8	22	25,2	21,8	> 37	50
TT0233050U8	TT1233050U8	23	28,4	23,7	> 42	50
TT0263025U8	TT1263025U8	26	31,0	26,4	> 47	25
TT0293025U8	TT1293025U8	29	34,1	29,3	> 60	25
TT0373025U8	TT1373025U8	37	41,6	36,5	> 70	25
TT0503025U8	TT1503025U8	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