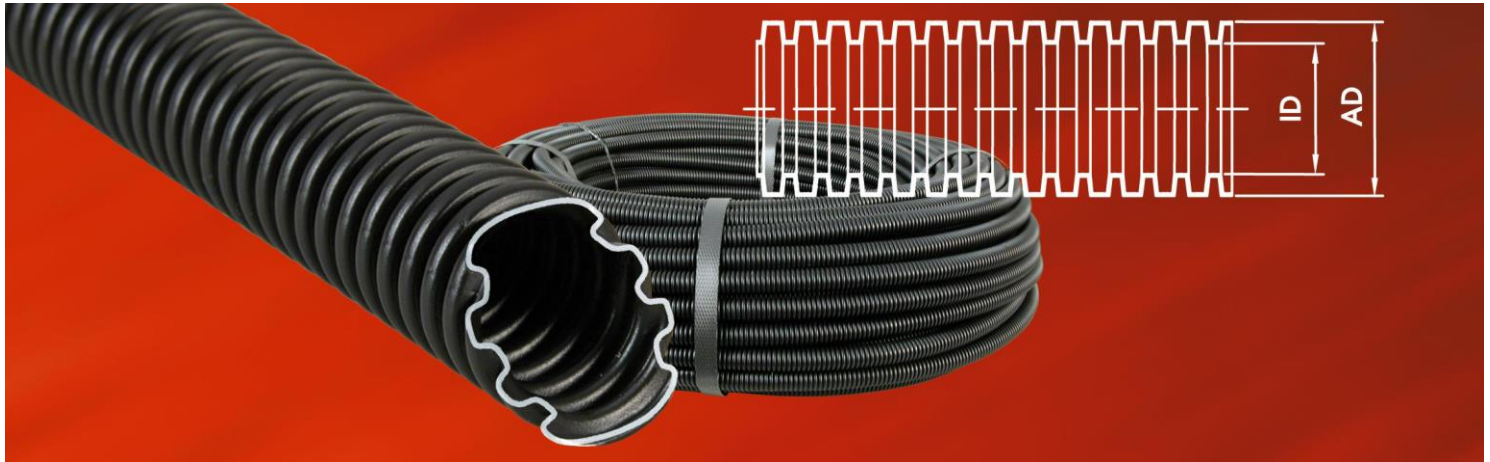


# INDUFLEX

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 <sup>2</sup> ]	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 <sup>11</sup>
Surface resistivity [Ω]	DIN IEC 60093	<10 <sup>12</sup>
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 Ø [mm]	Inner Ø [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