

INDUFLEX

Corrugated pipe - PA 6 - Standard



Application area

Hose to be applied in machine construction and in automotive industry, automation technology and other technical applications,

Material

PA 6, free of halogens

Chemical resistance

PA 6 is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PA 6.

Physical properties

Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	1400
Impact strength [kJ/m ²]	DIN ISO 179-1 (23°C)	NB
	(-30°C)	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>50
Elongation at break [%]	DIN ISO 527-1/-2	>100
Volume resistivity [Ω cm]	DIN IEC 60093	<10 ¹³
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹³
Flammability	UL 94	HB

Tube:

Working temperature (permanent)	[°C]	-40 up to +120
Working temperature (short term)	[°C]	+150
Fire behaviour		FMVSS 302, DIN 75200
UL-Admission from NW 17 up to NW 50 *		UL File E 209725
(No UL-Admission for all slotted pipes)		

Art. No. (not slotted)	Art. No. (slotted)	Diameter NW [mm]	Outer Ø AD [mm]	Inner Ø ID [mm]	Bending radius [mm]	Packing unit [m]
TM0043001U8	TM1043001U8	4.5	7.3	4.3	≥ 8	100
TM07F3050U8	TM17F3050U8	7F	10.2	7.2	≥ 7	50
TM0073050U8	TM1073050U8	7.5	10.0	6.7	≥ 13	50
TM0853050U8	TM1853050U8	8.5	11.7	8.4	≥ 15	50
TM0103050U8	TM1103050U8	10	13.0	9.9	≥ 20	50
TM0123050U8	TM1123050U8	12	15.7	12.2	≥ 30	50
TM0133050U8	TM1133050U8	13	15.8	12.7	≥ 35	50
TM0143050U8	TM1143050U8	14	18.5	14.2	≥ 40	50
TM0173050U8	TM1173050U8	17	21.2	16.6	≥ 45	50
TM0193050U8	TM1193050U8	19	24.3	19.3	≥ 50	50
TM0223050U8	TM1223050U8	22	25.4	21.3	≥ 50	50
TM0233050U8	TM1233050U8	23	28.3	23.2	≥ 55	50
TM0263025U8	TM1263025U8	26	31.2	25.8	≥ 60	25
TM0293025U8	TM1293025U8	29	34.5	29.0	≥ 65	25
TM0373025U8	TM1373025U8	37	42.4	36.0	≥ 90	25
TM0503025U8	TM1503025U8	50	53.8	48.1	≥ 100	25

Subject to modifications and amendments! / February 2020