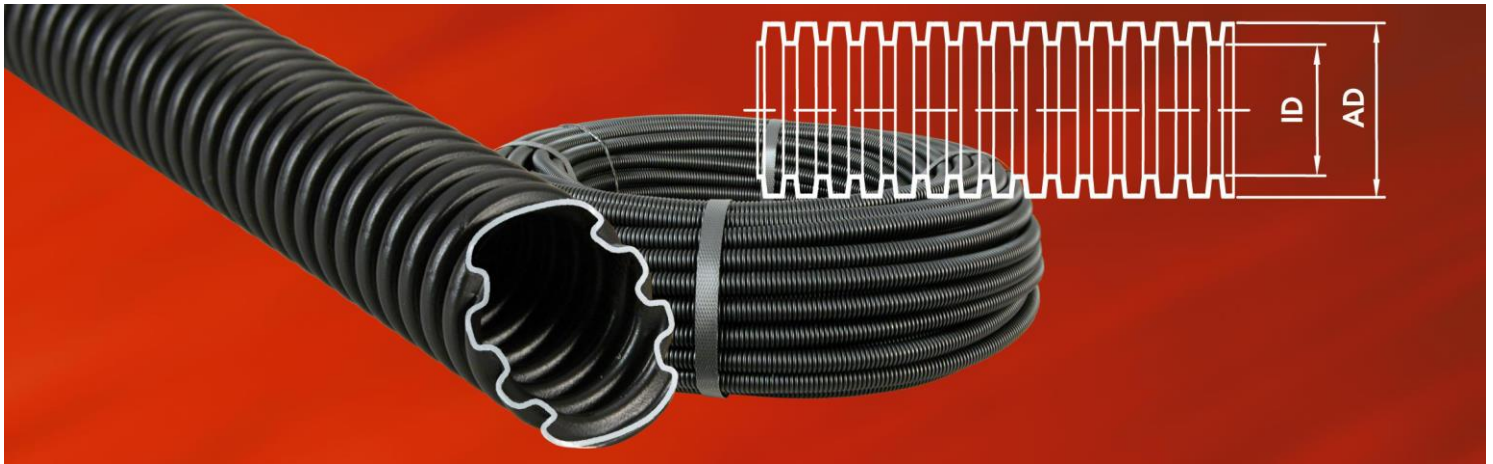


INDUFLEX

Corrugated pipe - HD-PE



Application area

Hose to be applied in machine construction, control cabinet building as well as in the automotive industry

Material

PE-HD, free of halogens, impact-absorbing

Chemical resistance

Polyolefines are resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect polyolefines.

Physical properties:

Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	>1000
Impact strength [kJ/m ²]	DIN ISO 179-1eU	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>22
Elongation at break [%]	DIN ISO 527-1/-2	>100
Volume resistivity [Ω cm]	DIN IEC 60093	<10 ¹²
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹²
Flammability	UL 94	HB

Tube:

Working temperature (permanent)	[°C]	-40 to +90
Working temperature (short term)	[°C]	+120
Fire behaviour	FMVSS 302, DIN 75200	

Art. No. (not slotted)	Art. No. (slotted)	Diameter [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Bending radius [mm]	Packing unit [m]
THD0043001U8	THD1043001U8	4,5	6,9	4,2	> 10	100
THD0073050U8	THD1073050U8	7,5	9,8	6,7	> 10	50
THD0853050U8	THD1853050U8	8,5	11,3	8,6	> 15	50
THD0103050U8	THD1103050U8	10	13,2	9,9	> 18	50
THD0123050U8	THD1123050U8	12	15,8	12,2	> 30	50
THD0133050U8	THD1133050U8	13	15,8	12,6	> 30	50
THD0173050U8	THD1173050U8	17	21,2	16,7	> 40	50
THD0193050U8	THD1193050U8	19	23,8	19,7	> 45	50
THD0233050U8	THD1233050U8	23	28,2	23,2	> 50	50
THD0263025U8	THD1263025U8	26	30,6	26,1	> 55	50
THD0293025U8	THD1293025U8	29	34,4	29,2	> 60	25
THD0373025U8	THD1373025U8	37	41,7	36,2	> 90	25
THD0503025U8	THD1503025U8	50	53,0	47,3	>100	25

Subject to modifications and amendments! / February 2020