

INDUFLEX

Twincor - PA 6 -



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 +140
Working temperature (short term)	[°C]	+160
Fire behaviour		FMVSS 302, DIN 75200

Art. No.	Diameter NW [mm]	Outer Ø AD [mm]	Inner Ø ID [mm]	Bending radius [mm]	Packing unit [m]
TWM0853050U8	8,5	11,2	6,2	70	50
TWM0103050U8	10	12,9	7,9	75	50
TWM0123050U8	12	15,8	10,3	100	50
TWM0143050U8	14	18,7	13,2	110	50
TWM0173050U8	17	21,0	13,9	120	50
TWM0203050U8	20	25,5	19,8	150	50
TWM0233050U8	23	28,3	20,5	170	50
TWM0293025U8	29	34,5	26,6	180	25
TWM0373025U8	37	41,8	32,0	200	25
TWM0503025U8	50	54,2	43,0	240	25

Subject to modifications and amendments! / February 2020