

INDUFLEX

Twincor –PP-mod- flame - retardant



Application area

Hose to be applied in machine construction and in automotive industry

Material

Polypropylencopolymer, high heat stabilised, flame-retardant

Chemical resistance

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

Physical properties

Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	1100
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	>250
Volume resistivity [Ω cm]	DIN IEC 60093	<10 ¹²
Surface resistivity [Ω]	DIN IEC 60093	<10 ¹²
UL	V2	

Tube:

Working temperature (permanent)	[°C]	-40 up to +130
Working temperature (short term)	[°C]	+150
Fire behaviour	FMVSS 302, DIN 75200	

Art. No.	Diameter NW [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Bending radius [mm]	Packing unit [m]
TWK0853050U8	8,5	11,2	6,2	55	50
TWK0103050U8	10	12,9	7,9	60	50
TWK0123050U8	12	15,8	10,3	75	50
TWK0143050U8	14	18,7	13,2	80	50
TWK0173050U8	17	21,0	13,9	85	50
TWK0203050U8	20	25,5	19,8	110	50
TWK0233050U8	23	28,3	20,5	130	50
TWK0293025U8	29	34,5	26,6	140	25
TWK0373025U8	37	41,8	32,0	160	25
TWK0503025U8	50	54,2	43,0	170	25

Subject to modifications and amendments! / February 2020