



KYNAR® FLEX 2800

Linear flexible hose



COD.	Dimensions		Weight	Bending radius	Pressure at 20°C	
	Ø o	Ø i	gr. mt	mm	burst ATM	working ATM
TK 1x2	2	1	4,19	10	167	56
TK 2x3	3	2	6,99	15	100	33
TK 2x4	4	2	16,77	20	167	56
TK 2,5x4	4	2,5	13,62	20	115	38
TK 4x6	6	4	27,95	35	100	33
TK 6x8	8	6	39,12	40	71	24
TK 8x10	10	8	50,30	60	56	19
TK 10x12	12	10	61,48	85	45	15
TK 13x16	16	13	121,57	86	52	17

TEMPERATURE °C

Maximum working temperature -40°C + 90°C. The table here below shows pressure values expressed as a % in relation to temperature.

20°	40°	60°	80°	90°
100%	75%	62%	50%	25%

TOLERANCES

± 0,05 on wall thickness
 ± 0,05 on outside Ø up to 8 mm
 ± 0,1 on outside Ø from 12 mm

CHARACTERISTICS

Il KYNAR 2800 Polyvinylidene Fluoride, is a copolymer created for hoses requiring great flexibility and proven impact strength.

- excellent resistance to abrasion
- excellent flexibility at room temperature
- excellent flexibility below zero, up to -20°C (-4°F)
- excellent stress resistance up to -30°C (-22°F)
- excellent tensile strength
- excellent thermal stability
- excellent resistance to ageing
- excellent resistance to chemical products, even the most aggressive ones
- resistant to the elements
- resistant to fungal attack
- fireproof to UL94 V0

DATA SHEET			
Property	Unit	Specification	Values
Density	G/cm ³	ISO R1183D	1,78
Melting point	°C	ISO 3416C	142
Flexural modulus	Mpa	ISO 178	650
Charpy impact	J/m	ISO 180	800
Strength at yield	Mpa	ISO R527	26
Elongation at yield	%	ISO R527	12
Elongation at break	%	ISO R527	>100
Flame resistance		UL 94	V0
Hardness	shore D	ISO 868	68