



ZEC S.p.A.

Via Lungolorno 11 - 42052 Colorno (PR) - Italia

Tel. 0521 816631 - Fax 0521 816772

info@zecspa.com - www.zecspa.com

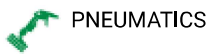
Capitale sociale: Euro 1.000.000

C.F., P.IVA e n. Iscr. Reg. Imprese Parma: IT01720400348

Numero REA: PR - 173914

## Hytel type HTR tubing

- PRESSURE FROM 10 TO 36 BAR
- WORKING TEMPERATURE FROM -20°C TO + 100°C
- IDEAL FOR COMPRESSED AIR CIRCUITS AND OIL CONDUCTION SYSTEMS



PNEUMATICS



LOW PRESSURE



AIR











HYDRAULIC OIL

OIL/GREASE FOR  
LUBRICATION

## TECHNICAL FEATURES

Metric

	 ID	 OD	 T	 1:3 WP	 R MIN	 g		 m
Code	mm	mm	mm	bar	mm	g/m	Colors available	m
HTR42*	2,00	4,00	1,00	36	16	11,5	B-N-A	100
HTR43*	3,00	4,00	0,50	13	35	6,7	B-N-A	100
HTR53*	3,00	5,00	1,00	27	25	15,3	B-N-A	100
HTR63*	3,00	6,00	1,50	33	30	25,9	B-N-A	100
HTR64*	4,00	6,00	1,00	22	30	19,2	B-N-A	100
HTR84*	4,00	8,00	2,00	32	35	46,0	B-N-A	100
HTR85*	5,00	8,00	1,50	23	40	37,4	B-N-A	100
HTR86*	6,00	8,00	1,00	17	50	26,8	B-N-A	100
HTR107*	7,00	10,00	1,50	19	55	48,8	B-N-A	50
HTR1075*	7,50	10,00	1,25	15	60	41,9	B-N-A	50
HTR108*	8,00	10,00	1,00	13	70	34,5	B-N-A	50
HTR1284*	8,40	12,00	1,80	17	70	70,3	B-N-A	50
HTR129*	9,00	12,00	1,50	16	80	60,3	B-N-A	50
HTR1210*	10,00	12,00	1,00	11	110	42,1	B-N-A	50
HTR1412*	12,00	14,00	1,00	10	115	49,8	B-N-A	50
HTR1512*	12,00	15,00	1,50	14	120	77,6	B-N-A	50
HTR15125*	12,50	15,00	1,25	11	185	65,8	B-N-A	50
HTR1612*	12,00	16,00	2,00	16	190	107,3	B-N-A	50
HTR1814*	14,00	18,00	2,00	12	220	122,6	B-N-A	50

HTR2218*	18,00	22,00	2,00	12	280	153,2	B-N-A	50
----------	-------	-------	------	----	-----	-------	-------	----

N : Black      A : Orange      B : Blue

## TECHNICAL FEATURES

ZEC's HTR thermoplastic tubing are especially suitable for industrial pneumatics applications, for compressed air circuits and for oil conduction systems.

Unlike traditional tubing made of flexible thermoplastic material now available on the market, ZEC's HTR tubing do not contain plasticizers because flexibility is ensured by their natural inner elastomeric molecular structure. Since plasticizer is not released in these tubing, they do not stiffen and there is no contamination.

ZEC's HTR tubing provide excellent chemical compatibility with oils and all polar fluids in general as well as hydraulic oils. They do not contain halogenated products. Chemical resistance is good at room temperature even with polar fluids, glycols and alcohols in heavy molecule, weak acids and bases.

The working temperature of ZEC's HTR tubing is between -20°C and +100°C. For temperatures higher than room temperature (23°C), calculate the correct burst pressure using the correction factor determined through chart shown in Fig.1.

ZEC's HTR tubing are in compliance with REACH Regulation (2006/1907/EC) and RoHS 2 (2011/65/EU) European Directive.

**NB:** There is an \* in the code. This should be replaced with the color code of the tubing.

EXAMPLE: HTR 8x6 tubing Blue - Code HTR86B.

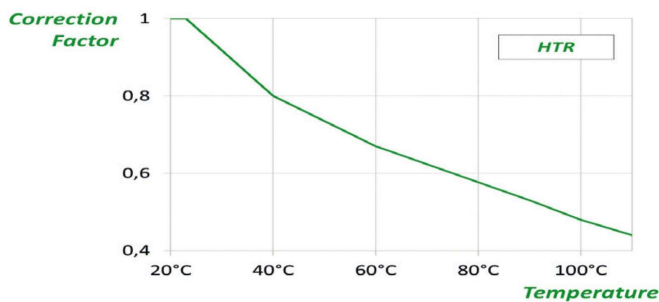
### Working temperature:

from -20° to +100°C.

Max. working temperature of water-based fluids +70°C.

**NB:** Black hoses/tubing are recommended for outdoor applications.


### PRESSURE CORRECTION FACTOR ACCORDING TO TEMPERATURE



## OPTIONAL

 Color

 Packing

 Long Length

For any further information about the optional items, please contact the sales office ()