

HIGH DENSITY POLYETHYLENE - HDPE - PEHD PIPE

HOSES › Hoses for Pneumatic Applications › POLYETHYLENE PIPES

SEMI-CRYSTALLINE POLYMER TUBE, ADDITION POLYMERIZATION THROUGH ZIEGLER-NATTA CATALYSTS OR METALLOCENIC CATALYSTS WHICH MAKE A SYNTHESIS POSSIBLE AT LOW PRESSURES AND TEMPERATURES OBTAINING A POLYMER WITH A LOW DEGREE OF CHAIN BRANKING.

THIS POLYETHYLENE HAS THE HIGHEST DENSITY, BETWEEN 0.945 AND 0.970 g/cm³, CONSEQUENT TO THE HIGH CRYSTALLINITY AROUND 70% (PE LD IS AROUND 40%). LINEAR CHAINS RESULT IN A COMPACT PACKAGING WHICH DETERMINES HIGHER RESISTANCE, GOOD RESILIENCE, A LOW COEFFICIENT OF FRICTION, GOOD RESISTANCE TO WEAR AND A GREATER RANGE OF USE AND USE TEMPERATURES.

USE: PNEUMATIC OR HYDRAULIC USE IN HIGH DENSITY POLYETHYLENE

INDICATIVE RATIO BETWEEN AMBIENT TEMPERATURE AND NOMINAL PRESSURE
PIPE DIAMETER

T 20° - PN 100%

T 30° - PN 80%

T 40° - PN 70%

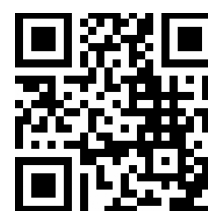
T 50° - PN 60%

T 60° - PN 50%

T 70° - PN 45%

Colors: BLACK - NEUTRAL/WHITE on request

Standard rolls 100 meters - 25 - 50 meters on request



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DIMENSIONS TUBE mm	WEIGHT g/m	RADIUS OF CURVATURE mm	PRESSURE OF EXERCISE Cafe
2.5x4	7.4	20	38
4x6	15.2	30	33
5x8	29.7	35	38
6x8	21.3	50	23
8x10	27.4	80	18
9x12	48	75	23
10x12	33.5	115	15