



# HUDSON EXTRUSIONS, INC.

P.O. BOX 255 HUDSON, OHIO 44236 Since 1956

QUALITY PROFILES & TUBING AT COMPETITIVE PRICES

## TUBING SPECIFICATIONS

<b>Part #:</b>	06000750075210300100
<b>Material:</b>	Hudson HDPE (High Density Polyethylene)
<b>Inside Diameter:</b>	0.600" (+/- 0.008")
<b>Outside Diameter:</b>	0.750" (+/- 0.008")
<b>Wall Thickness:</b>	0.075"
<b>Length:</b>	100' (+ALL -0.00)
<b>Color:</b>	Natural
<b>Weight:</b>	6.7 lbs *
<b>Working pressure (at 70°F):</b>	152 psi *
<b>Max Temperature:</b>	180°F *
<b>Bend Radius (Typical):</b>	7.5" *

\* Values are typical. The data is not tested. There may be variances in the raw material properties that may or may not change the compliance.

The information and recommendations contained herein are offered as a service to our customers, but are not intended to relieve the user from its responsibility to investigate and understand other pertinent sources of information and to comply with all laws and procedures applicable to the safe handling of these materials.

The information and recommendations provided herein were believed by Hudson Extrusions, Inc. to be accurate at the time of information or recommendations contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.



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## HUDSON HDPE PE-2000

Properties		ASTM (1)	Units	Typical Values (2)
Melt Index (3)		D 1238	g/10 min	0.3
Specific Gravity		D 792	g/cm <sup>3</sup>	0.955
Tensile Strength (Yield)		D 638	psi	4,500
Tensile Elongation (Break)		D 638	%	900
Flexural Modulus		D 790	MPa (psi)	1,180 (171,100)
ESCR, (F <sub>50</sub> ) (4)		D 1693	hr	31
Izod Impact (5)			J/cm (ft-lb/in)	2.7 (5)
Vicat Softening Point		D 1525	°C (°F)	125 (257)
Hardness (Shore D)		D 882		65
Brittleness Temperature		D 746	°C (°F)	<-75 (<-103)
Deflection Temperature at 66 psi		D 648	°C (°F)	74 (165)

**This raw material meets the Food and Drug Administration requirements of 21 CFR 177.1520**

(1) Properties designated have been determined using methods which are in accordance with or substantially in accordance with the specified testing standards.

(2) Typical Values represent average laboratory values and are intended as guides only, not as specifications.

(3) Condition 190°C/ 2.16 kg

(4) Environmental stress crack resistance, Condition B, 100% Igepal

(5) 3.2 mm (0.125 in) thick specimen

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