

NEOFLEX-H

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To re-heat fluids that either solidify or become viscous due to ambient Temperatures during transit or at the point of discharge. The heating hose is made out of PE (Polyethylene) and encased within a heat resistance PE-film. The time taken to heat the liquid depends upon both the outside ambient Temperature and the temperature of hot Water / Steam, but averagely work on 3 / 4 hours (max hot Water / Steam 100°C)



TECHNICAL SPECIFICATION OF THE HOSE USED IN NEOFLEX-H

	TEMPERATURE / °C	METHOD	VALUE	UNIT
Density	-	DIN 1872	0.950	gr/cm ³
Tensile Strength	20	DIN 53455	290-300	kg/cm ²
Elongation	100	DIN 53455	200-220	kg/cm ²
	20	DIN 53455	300-350	%
	100	DIN 53455	500-600	%
Elasticity	-40	DIN 53457	19000	kg/cm ²
	0	DIN 53457	15000	kg/cm ²
	20	DIN 53457	12000	kg/cm ²
	80	DIN 53457	5000	kg/cm ²
Impact Strength	-150	DIN 53453	Not broken	-
	-100	DIN 53453	Not broken	-
	0	DIN 53453	Not broken	-
	20	DIN 53453	Not broken	-
Working Temperature	-	-	-100 + 110	°C
Linear Stretching Factor	20		2.5 x 10 ⁻⁴	°C - I
	100		135	°C
Melting Temperature			135	°C
Heat Conductivity			0.35	Kcal/hm°C
Specific Temperature			0.50	Cal/gr

