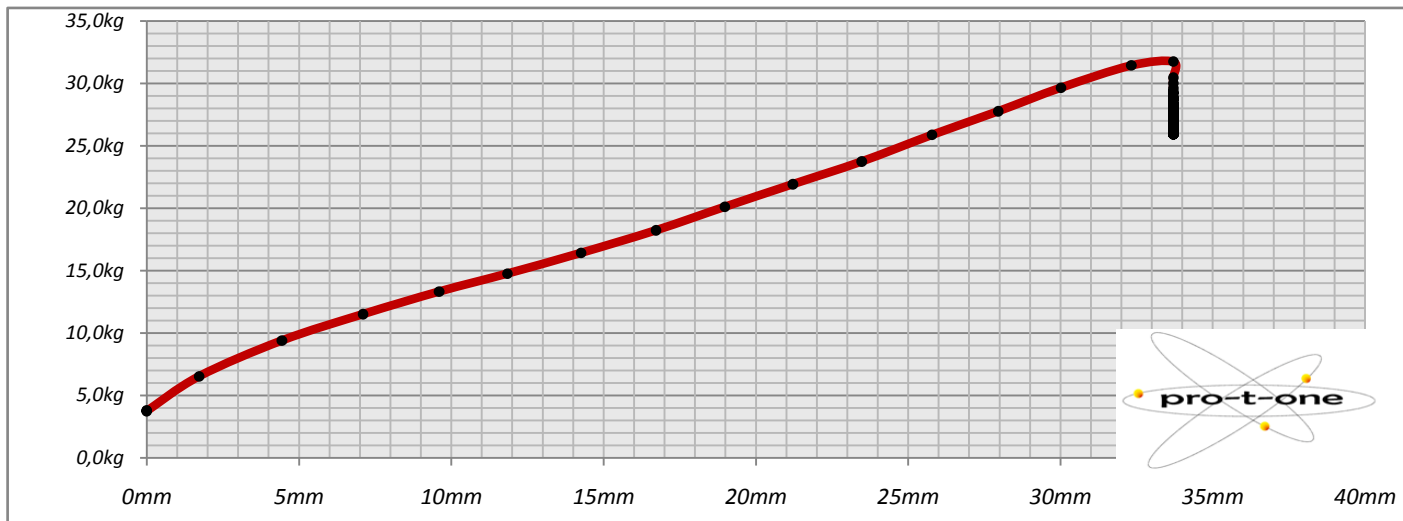
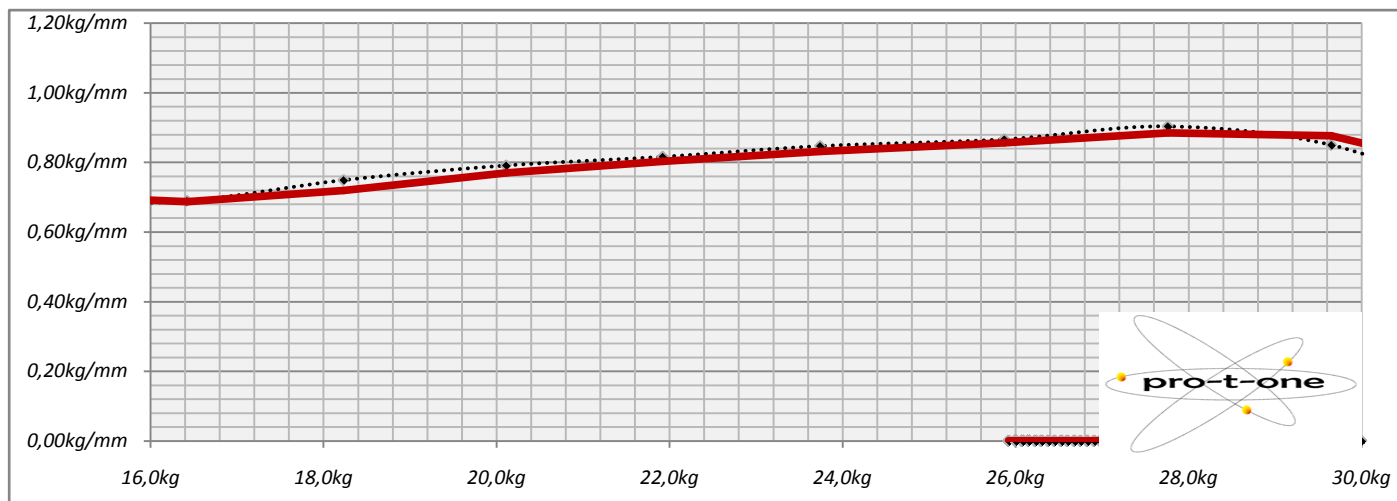


## DEFORMATION - LOAD DIAGRAM

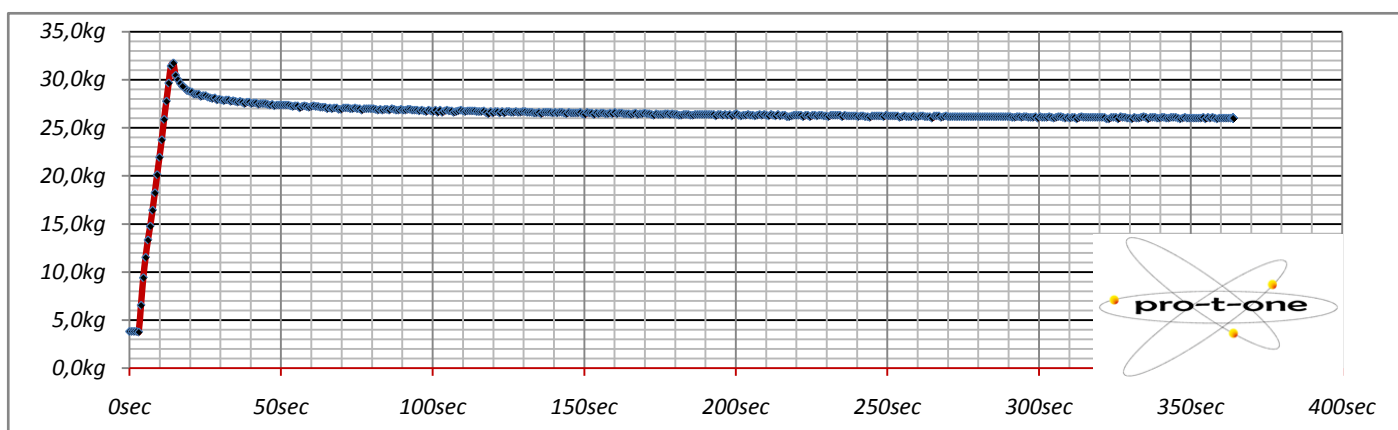


<b>STRING PROJECT</b>		<b>1,26 mm</b>	temp 25°C - relative humidity 65%	
magic multi			sample time	<b>1000-1200ms</b>
			starting length	<b>300mm</b>
static stiffness 10-15kg	<b>0,80 kg/mm</b>	static stiffness 20-25kg	<b>0,85 kg/mm</b>	
static stiffness 15-20kg	<b>0,75 kg/mm</b>	static stiffness 25-30kg	<b>0,90 kg/mm</b>	

## STRING STATIC STIFFNESS MODULUS

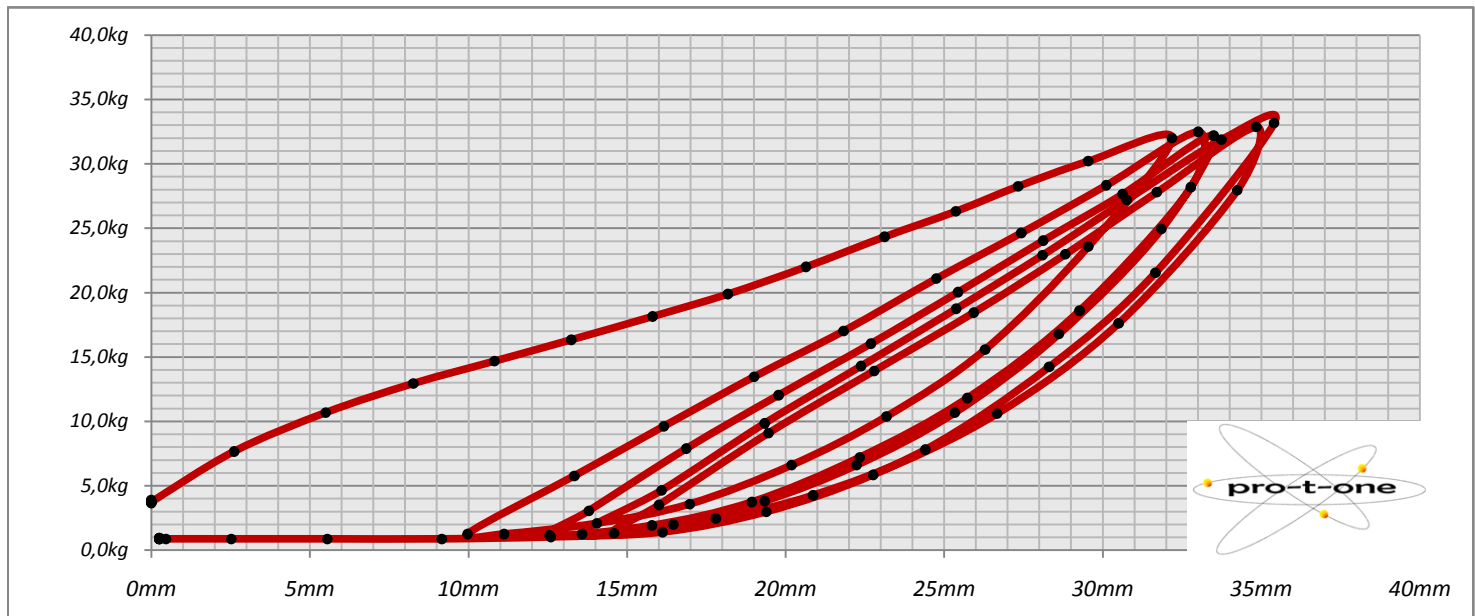


## TENSION LOSS DIAGRAM



# HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES

**STRING PROJECT**
magic 1,26



<b>STRING PROJECT</b>	<b>1,26</b>	<b>mm</b>	temp 25°C - relative humidity 65%	
magic	mono		1	
<b>POWER LEVEL</b>	<b>651pnt</b>	<b>8,0/10</b>	power attitude	
<b>CONTROL LEVEL</b>	940pnt	7,5/10	<b>7,0/10</b>	stiffness
<b>STABILITY LEVEL</b>	745pnt	7,5/10	stability attitude-consistency 7,5	
<b>SPIN POTENTIAL</b>	1	9,0/10		
<b>MAX RESILIENCE RANGE</b>	16kg	20kg	maximum resilience range	
<b>RECOMMENDED TENSION</b>	19kg	23kg		
<b>TENSION LOSS INDEX 300</b>	17%	9,0/10	tension loss after 300" - 5mins	
<b>PLAYING LIFE (tension-resilience)</b>	175%	7,0/10	8 - hrs	12 - hrs (approx.)

<b>RESILIENCE PEAK</b>	85kgmm	9,0/10	reactivity level: high	
<b>AVERAGE RESILIENCE</b>	160kgmm	4-cycles		5,5/10 vs gut
<b>STRING PLANE STIFFNESS 22,5kg</b>		4,5/10	new	5,5/10 used
<b>STRING PLANE STIFFNESS 27,5kg</b>		6,5/10	new	7,5/10 used

<b>PRESTRECH</b>	NO	recommended %	---	5%
<b>PROGRESSIVE PLASTICIZATION</b>	YES	def. plast.	3,3mm	5%

<b>STATIC STIFFNESS 10-15kg</b>	0,75	new	187%	⇒	1,40	used
<b>STATIC STIFFNESS 15-20kg</b>	0,70	new	200%	⇒	1,40	used
<b>STATIC STIFFNESS 20-25kg</b>	0,80	new	175%	⇒	1,40	used
<b>STATIC STIFFNESS 25-30kg</b>	0,85	new	147%	⇒	1,25	used
<b>STATIC STIFFNESS 30-35kg</b>	0,65	new	185%	⇒	1,20	used

## DYNAMIC STRING STIFFNESS

<b>STRING PROJECT</b>	<b>1,26</b>	<b>mm</b>	temp 25°C - relative humidity 65%			
<b>DYNAMIC STIFFNESS</b>	222	±2 g/mm	sample time 20ms			
<b>8,5/10</b>	high		reference tension 20kg			
<b>STRING STIFFNESS EMULATOR</b>	232	±2 lb/inch	string legnth 325mm - deflection 10mm			
<b>ARM PROTECT - CONFORT LEVEL</b>	6,6/10		5,9/10	7,2/10		