

## Peroxide Cured Specification Sheet

<b>Hardness</b>	<b>70</b>	<b>shore</b>
<b>Colour</b>	Trans Inner/ Red Outer	
<b>Tensile strength</b>	8.5	Mps
<b>Elongation @ break</b>	280	%
<b>Tear Strength</b>	18	Kn
<b>Compression set</b>	27	%
<b>temperature</b>	-50 <sup>0</sup> + 170 <sup>0</sup>	Centigrade

### BURST PRESSURE CHART

Size	Burst pressure / Bar		
	20°C	95°C	130°C
3mm ID x 2.5mm Wall	82	76	40
4mm ID x 2.5mm Wall	69	59	35
5mm ID x 3mm Wall	55	41	30
6mm ID x 3mm Wall	62	39	28
7mm ID x 3.2/3.5mm Wall	56	37	27
8mm ID x 3.2/3.5mm Wall	49	34	26
9mm ID x 3.5/3.8mm Wall	47	33	25
10mm ID x 3.5/4.0mm Wall	44	32	24
11mm ID x 3.5/4.0mm Wall	42	31	23
12mm ID x 3.5/4.0mm Wall	39	29	22
13mm ID x 3.5/4.0mm Wall	38	28	22
14mm ID x 4.0/4.5mm Wall	37	28	21
15mm ID x 4.0/4.5mm Wall	36	27	21
16mm ID x 4.0/4.5mm Wall	35	26	21
17mm ID x 4.0/4.5mm Wall	34	26	20
18mm ID x 4.0/4.5mm Wall	33	24	20
19mm ID x 4.5/5.0mm Wall	32	24	20
20mm ID x 5.0/5.5mm Wall	31	23	19

We recommend customers use a 3 : 1 safety factor

The above information is a guide only; customers are requested to perform their own tests subject to media and conditions to ensure product is fit for purpose

## Platinum Cured Silicone Specification Sheet

<b>Hardness</b>	<b>70</b>	<b>Shore A</b>
<b>Colour</b>	Trans	
<b>Reinforcement</b>	Polyester Multifilament	
<b>Coating</b>	Silicone	(VMQ) A60
<b>Temperature in air without pressure</b>	-40 <sup>0</sup> +200 <sup>c</sup>	Centigrade

### BURST PRESSURE CHART

Size	Burst Pressure at rt, medium water(in bar)	
3mm ID x 2.5mm Wall	60	<b>Physiological properties</b> <b>The material of inner sleeve is according to Empfehlung XV BgVV,CFR 21 FDA 177.2600</b> <b>And USP CLASS V1.</b>
5mm ID x 3.2mm Wall	40	
6mm ID x 3mm Wall	40	
6.35mm ID x 3.2mm Wall	40	
8mm ID x 3.2mmWall	40	
9mm ID x 3.5mm Wall	35	
12.5mm ID x 3.2mm Wall	35	
16mm ID x 4.8mm Wall	30	
19mm ID x 5.8mm Wall	25	
25mm ID X 6mm Wall	25	

The above information is a guide only; customers are requested to perform their own tests subject to media and conditions to ensure product is fit for purpose. The burst pressure depends in prime concern on the technology of connection for which TYM is not responsible