

| | | | |
|----------------|-------------------------------|----------------|------------------|
| SUBJECT | STANDARD SPECIFICATION | SHEET # | SPECSTANDARD.FIE |
|----------------|-------------------------------|----------------|------------------|

The table below lists the standard specifications applied to products manufactured by UNIMED.

Customized specifications can be applied according to the customer's request.

| | UNIMED product (<i>industrial</i>) | Customer product |
|---------------------------------|--|--|
| Strength of assemblies | The assembling withstand (gluing, fit-pressing, soldering, welding) is characterized by the destructive seal strength. | |
| | Cannula/stylet outer diameter [mm] | Minimum destructive seal strength [kg] |
| | $\varnothing < 0.50$ | 2.5 |
| | $0.50 \leq \varnothing < 0.70$ | 3.5 |
| | $0.70 \leq \varnothing < 0.80$ | 4.5 |
| | $0.80 \leq \varnothing < 0.90$ | 5.5 |
| | $0.90 \leq \varnothing < 1.40$ | 8.0 |
| | $1.40 \leq \varnothing < 2.50$ | 10.0 |
| | $2.50 \leq \varnothing < 3.10$ | 11.0 |
| | $3.10 \leq \varnothing < 4.00$ | 12.0 |
| | $4.00 \leq \varnothing$ | 13.0 |
| Leak-proof of assemblies | The tightness of an assembly is tested by injecting pressurized air at 4 bar into the product immersed in a water bath for 5 to 10 seconds. During this time no air bubble visible to unaided eye shall come off the assembly area. | |
| Surface finishing | Standard criteria for surface finishing for products manufactured by UNIMED: <ul style="list-style-type: none"> - Cannula or stylet outer surface roughness: Ra_{max} 0.4. - Cannula inner surface roughness: Ra_{max} 1.6. - Cannula with thick wall inner surface roughness: Ra_{max} 3.2. - Machining surfaces roughness: Ra_{max} 0.8. - Surfaces smooth, without defect, homogenous, without coloration with an unaided eye visual verification at 30 cm. | |
| Marking | Needle: Marking of the outer diameter in mm and gauge. Other: No marking. | No marking. |
| Labelling | Label with the following information: <ul style="list-style-type: none"> - Unimed logo and address. - Unimed reference. - Lot number. - Quantity. | |
| Packaging | Packaging in carton box between douflines. Packaging in a dozen in plastic box per dozen. | Packaging in carton box between douflines. |
| Shipping | Product shipping: <ul style="list-style-type: none"> - Incoterms: EXW - Shipping company: UPS Express Saver | |

All this information are for reference only. They have no legal or contractual commitment Unimed SA.

| | | |
|------------|----------|--|
| 04.08.2022 | Page 1/1 | |
| FST | | |