

## Steel Drums

### Large Tight Head Steel Drums (216,5 liter)



VARMET

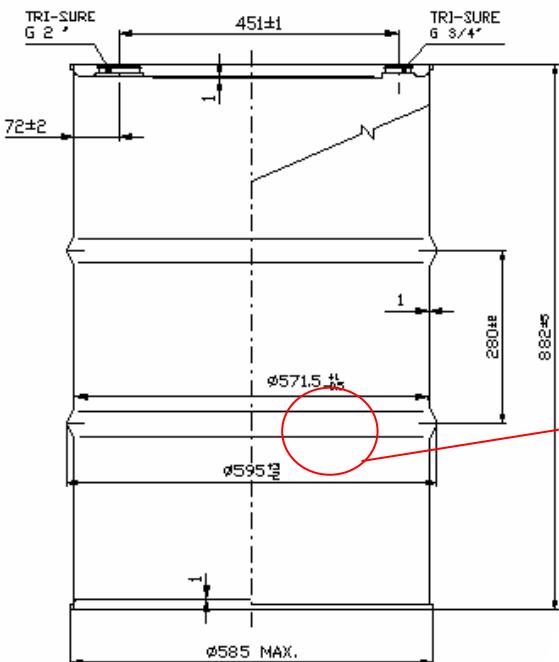
#### The packaging solution for the petrochemical, chemical, pharmaceutical and food industries.

Drums are the backbone of Varmet's Industrial Packaging & Services activity. The wide range of steel drums complies with the highest packaging requirements imposed by the petrochemical, chemical, pharmaceutical and food industries. The packaging is produced with the latest production technology and tested in accordance with UN regulations to guarantee optimum protection for a broad range of dangerous and non-dangerous goods.



- Varmet's Tight Head steel drums comply with stringent UN recommendations for packing dangerous and non-dangerous goods in the packaging groups I, II and III.
- Varmet's steel drums are provided with a Spiralainer® body configuration, that combines a superior vacuum resistance with a more efficient loading in standard 20 and 40 ft freight containers. In addition, traditional drums with expanded beads are still available worldwide.
- The vertical seam is electrically welded. The bottom and the top are seamed to the drum by means of the Varmet Spiralon triple seam which guarantees a safe performance.
- Varmet's drums can be internally coated with epoxy or epoxy-phenolic water based lining. Varmet offers its customers technical assistance in determining the ideal lining for their specific purpose to ensure product protection and compatibility where necessary.
- Varmet offers a range of standard gauge combinations, covering the required UN performance level for practically all filling goods. Optionally, special solutions are available for specific drums for extra high performance.
- Varmet's drums are certified by independent test institutes in order to comply with UN recommendations and transport regulations such as RID/ADR/IMDG/IATA.
- Globally, Varmet has standardized on the international RAL colour system for external colours to ensure a consistent quality worldwide.
- Alternatively, drums can be painted in customer corporate colours. Logos and texts can be applied to all drums by means of screen-painting.

RDL, Spiralon, Tri-Sure, 4S, Tab-Seal are all registered trademarks by Varmet



A type



B type



C type



## Steel

Commercial grade steel sheet. Specification according to EN 101130 / EN 10131 or equivalent standards.

## Closures

Two Tri-Sure® 4S® closures, G2 and G ¾ are manufactured to meet ISO 15750 international standards. These closures may be sealed by Tab-Seal® caps, neutral or to customer design. Closures are fitted with Varmet's standard high performance A® washers.

## Construction

**Body:** electrically welded longitudinal seam. Spiralainer body configuration. Below 1.0 mm with 2x3 corrugations to provide optimal vacuum resistance.

## Assembly

The Varmet Spiralon triple seam guarantees a safe performance.

## Standards

EN210

## Internal lining

If plain drums are not suitable for your application, Varmet can apply epoxy or epoxy-phenolic water based lining.

## Exterior paints & decorations

Colours according to the Varmet RAL standard range (or to special customer specifications).

Options: Multi-colour drum and one-colour silk screen decorations.

Nominal volume [dm <sup>3</sup> = liter]	Nominal thickness [mm]			Recommended reinforcement			Nominal weight [kg] ± 3%	UN markings
	top	body	bottom	A	B	C		
216,5	0,8	0,7	0,8		●	●	12,6	UN 1A1/Y1,4/150/...
216,5	1,0	0,8	1,0		●	●	14,8	UN 1A1/Y1,2/150/...
216,5	0,9	0,9	0,9		●	●	15,6	UN 1A1/X1,4/250/...
216,5	1,0	0,9	1,0		●	●	16,5	UN 1A1/X1,4/250/...
216,5	1,0	1,0	1,0	●	●		17,4	UN 1A1/X1,4/250/...
216,5	1,2	1,2	1,2	●	●		21,1	UN 1A1/X1,2/250/...



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