Dimple Heat Transfer

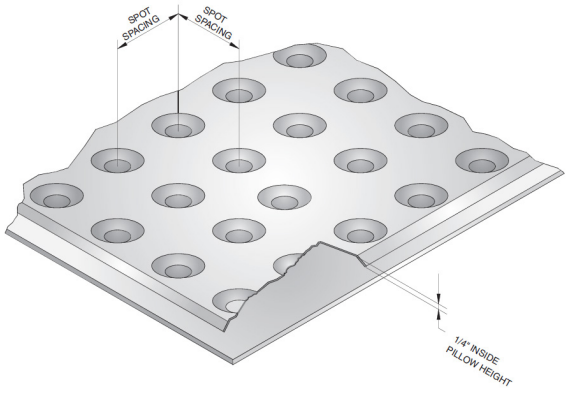
Looking for a cost effective heat transfer option for vessels? HOLLOWAY Dimple is your answer.

Advantages of Dimple Heat Transfer

Provides good heat transfer performance at low flow rates and is ideal for applications involving relatively high pressure and temperature extremes. Dimple jacket is less expensive than half-pipe jackets because the pressure boundary is smaller; therefore, the vessel thickness can be less. Dimple is also easier to work around nozzles and connections compared to half-pipe. Traditionally, a flow rate of 50 gpm can be achieved with a reasonable pressure drop.

Dimple Configurations

Your dimple heat transfer surface can be provided "in the flat", or rolled to your required diameter. The edges of the sheet can be crimped to provide easier welding of the surface edges. All dimple sheets come with a standard ½" hole and ¼" pillow height. Standard spot spacings include 2" x 2", 2 ½" x 2 ½" and 3" x 3". However, any spot spacing you require can be provided.



Allowable Pressures for Dimpled Jackets

DIMPLED MATERIAL THICKNESS (305L)	DIMPLED MATERIAL THICKNESS (316L)	MAXIMUM ALLOWABLE PRESSURE @ 400 F (ASME RATING)		
		SPOT SPACING 2" X 2"	SPOT SPACING 2½" X 2½"	SPOT SPACING 3" X 3"
14 GAUGE	7 GAUGE	254	179	129
14 GAUGE	¼" PLATE	254	179	135
14 GAUGE	⅜" PLATE	254	179	135

* The pressures listed above are from Holloway America design calculations based upon a proof test. Your maximum rated pressures may vary from this table. The table is for reference only.

Holloway America
720 N. Cedarbrook Ave.
Springfield, MO 65802

Phone: 417.863.0077
Toll Free: 866.659.0077
Fax: 417.863.8851

www.HollowayAmerica.com
info@HollowayAmerica.com
Datasheet: DIMPLE_150402