

TOOTH PROFILE

Usage

The Tooth profile gasket is a concentrically serrated metal core bonded on each face with a soft sealing material. The soft sealing material provides low stress seating. The metallic tooth core provides stability to withstand high pressures. The tooth profile gasket is recommended for heat exchangers and other large diameter gasket applications where spiral wound gaskets are delicate to handle, can get deformed on high bolt loads and have stress retention limitations during cyclic movements in large diameter flanges.

	MATERIAL	MAXIMUM	
		TEMPERATURE	PRESSURE
Fillers	Starflon/PTFE	260 °C	Rated to Class 2500 Flanges
	Stargraf	500 °C	
Metals	SS 304	537 °C	
Sheet size	SS 316 L	815 °C	

Can be provided with or without outer locator ring to suite different flange profiles.

Design Factors

$$m = 2$$

$$y = 2,500 \text{ psi}$$

Recommended Surface Finish

125 - 250 rms

Head Office: 15/B, Vinod Apartments, Krantiveer Vasant Rao Naik X Lane, Gowalia Tank. Mumbai – 400036 INDIA
Tel.: 91 - 22 - 2389 0904 / 05 **Fax:** 91 - 22 - 2389 0907 **Email:** starflex@starflex.net
visit us at: www.starflex.net

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