Tear Plate

Description

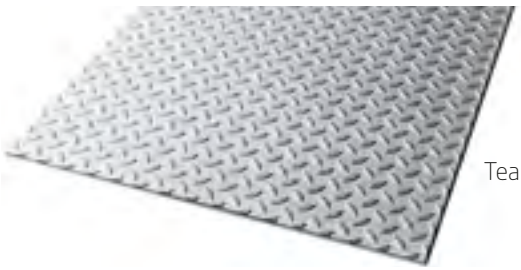
In accordance with the German DIN 59220 and American ASTM A793 - pattern B standard, our offer of stainless steel tear plates can be delivered with a 3.1 certificate. Available exclusively in hot rolled, our tear plates portfolio includes Aperam 304, Aperam 304L, Aperam 316L and Aperam 316T.

The perfect solution for demanding environments

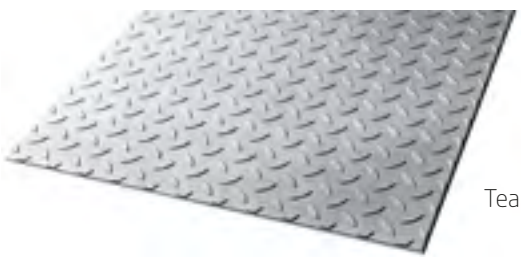
- Stainless steel tear plate (1M finish according to standard EN 10088-2) is an excellent solution in terms of safety, hygiene and corrosion resistance.
- The safety element is guaranteed by the presence of the tear pattern over at least 20% of the surface area of a DIN tear plate and 30% of an ASTM tear plate. These add an anti-slip component to the plate, which can be measured by tests conducted in accordance with DIN 51130 and DIN 51097 or ASTM 1028 standards.
- In hygiene-critical environments, the ease of cleaning and biological inertness of the tear plates make stainless steel indispensable.
- The corrosion resistance of stainless steel makes the use of clad metals, potentially unsuitable for environmental protection, obsolete. Instead, stainless steel tear plates are the material of choice in harsh environments.
- These three principal properties explain why stainless steel tear plates are found in such applications as flooring and pathways in food processing plants. Other applications can be found in the transport sector (notably weighbridges and catwalks on lorries). Stainless steel tear plates are also commonly used by such traditional sectors as the chemical, oil, building and construction industries. The surface appearance of the tear design, combined with its safety, hygiene and corrosion-resistance properties, make this an optimal solution for stairs and platforms in underground stations.

Applications

- Agri-food (floors or aisles)
- Urban equipment (staircases, metro station floors)
- Transport (weighbridges, truck bridges, metro trains)
- Petrochemicals
- Building and construction



Tear Plate ASTM



Tear Plate DIN

Dimensional range

Tear Plate ASTM

Thickness (mm)	Width (mm)											
	304 (1,4301) / 304L (1,4307)						316L (1,4404) / 316T (1,4571)					
	914 (36")	1,000	1,219 (48")	1,250	1,500	1,524 (60")	914 (36")	1,000	1,219 (48")	1,250	1,500	1,524 (60")
3	●	■	●	■								
3.175 (1/8")	●	●	■	■								
4 (5/32")	●	■	●	■	■	●	●	●				
4.5	●	●	●	●	●	●	●	●	●	●		
4.76 (3/16")	●	●	■	■	●	■	●	●	●	●		
5	●	■	●	■	■	●	●	●	●	●		
6	●	●	●	●	●	●	●	●	●	●		
6.35 (1/4")	●	●	■	■	●	■	●	●	●	●	●	●
6.5	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲
7	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲
8 (5/16")	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲
9.52 (3/8")	●	●	●	●	▲	▲	▲	▲	▲	▲	▲	▲
10	●	●	●	●	▲	▲						

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3.175 (1/8")	●	●	●	●								
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4.5	●	■	●	■	●	●	●	●	●	●		
4.76 (3/16")	●	●	●	●	●	●	●	●	●	●		
5	●	■	●	■	■	●	●	●	●	●		
6	●	●	●	■	●	●	●	●	●	●		
6.35 (1/4")	●	●	●	●	●	●	●	●	●	●		
6.5	●	●	●	●	●	●	▲	▲	▲	▲		
7	●	●	●	●	●	●	▲	▲	▲	▲		
8 (5/16")	●	●	●	●	▲	▲	▲	▲	▲	▲		

■: Standard offer — ●: Full coil offer — ▲: On request

Contact
www.aperam.com
stainless@aperam.com

Aperam Stainless Europe