



TECHARSH
TRUSTED PERFORMANCE



WWW.TECHARSH.COM

COMPANY PROFILE

TECHARSH PRIVATE LIMITED is an engineering manufacturer specializing in transformer radiators, corrugated tanks & fins, and copper busbars & jumpers for power and distribution transformer industries.

Established in 2007, the company has built a strong reputation through precision manufacturing, process-driven quality systems, and reliable delivery commitments.

With modern manufacturing infrastructure, advanced fabrication capabilities, and customer-focused engineering expertise, TECHARSH serves transformer OEMs, utilities, EPC contractors, and industrial customers across domestic and international markets.

Manufacturing Range:-

- ~ 300mm & 520mm (24 Flutes)
- ~ 1.0mm & 1.2mm Thickness
- ~ Pitch - 40,45,50,55,60,65,75mm
- ~ Center Distance - Upto 4000mm
- ~ IEEMA & DIN Standards

Paint:-

~ Internal Treatment

- * Solvent Flushing & Oil Flushing
- * Varnish / HOR Coating

~ External Surface Preparation

- * Shot Blasting (SA2-1/2)
- * Coating Systems:-
C3, C4, C5, C5M, C5H, CX

Inspection & Testing:-

- ~ Pressure Testing
- ~ Leak Testing
- ~ Dimensional Verification
- ~ Coating Thickness Inspection
- ~ Surface Profile Inspection
- ~ Weld Quality Inspection



TYPES OF RADIATORS:-

HOT DIP GALVANIZED (HDG)
FLANGE/WELDED TYPE

GOOSE/SWAN NECK
OFFSET TYPE

CORRUGATED FINS & TANKS

Key Features of Corrugated Fin Tank :-

- ~ Fins with Fully Automized Machine gives higher Accuracy
- ~ Material Saving and Low Weight in Transformer
- ~ Compact Dimensions and higher Heat Dissipation
- ~ Clear Flow of oil Increases Cooling
- ~ Easy to maintain
- ~ Vertical oil channel for higher pressure resistance

Types of Embossing:-

- ~ Single Embossing
- ~ Double Embossing



TECHNICAL SPECIFICATIONS

CORRUGATED TRANSFORMER TANK PANELS

DESCRIPTION	CODE	SPECIFICATION
 PANEL WIDTH	W	500 — 1600 mm
 SHEET THICKNESS	T	1.0 — 1.5 mm
 FIN PITCH	P	40 — 100 mm
 OIL DUCT	O	6 mm
 NUMBER OF FINS	N	1 — 99 Nos.
 TOTAL PANEL LENGTH	L	Up TO 3000 mm
 FIN HEIGHT	H	50 — 500 mm
 FRONT EDGE	A	Minimum 20 mm
 REAR EDGE	B	Minimum 20 mm

TECHNICAL SPECIFICATIONS CAN BE CUSTOMIZED AS PER CUSTOMER DESIGN REQUIREMENTS AND TRANSFORMER APPLICATION STANDARDS.

Manufacturing Facilities :-

- ~ Fin Folding Machine
- ~ Laser Cutting & CNC Bending
- ~ Fabrication & Testing
- ~ Blasting & Painting



OTHER PRODUCTS

**COPPER BUS BAR
COPPER FLEXIBLE JUMPERS
COPPER BRAIDED
INDUSTRIAL SPRINGS**

REGISTERED OFFICE

**986/33, DIAMOND PARK, GIDC MAKARPURA,
VADODARA, GUJARAT, INDIA - 390010**

WORKS

**SURVEY NO. 352, KASHIPURA ROAD, AFTER POR
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