

	Technical Specification	Doküman No : TS.0027 Document No İlk Yayın Tarih : 5/15/2006 Publish Date Revizyon Tarihi : 3/5/2018 Revision Date Rev. No : 2 Sayfa/Page : 1/2
	STEEL TUBES FOR ALUMINUM FOIL REWINDING	

REVİZYON TARİHÇESİ/REVISION HISTORY

Son Revizyon Açıklaması / Last Revision Explanation	Değişen Sayfa Changed Page
Updating Product Surface Properties	2

ONAY / APPROVAL		
	ADI-SOYADI/ NAME-SURNAME	UNVANI/ TITLE
HAZIRLAYAN ONAYI/ PREPARATION APPROVAL	SÜLEYMAN KAYAPA	Ar-Ge Proses Mühendisliği Süreç Yöneticisi
YÜRÜRLÜK ONAYI/ ENFORCEMENT APPROVAL	MUSTAFA MURAT DÜNDAR	Teknoloji Direktörü

1.0. KAPSAM/SCOPE

This specification is valid for steel tubes that will be used for aluminium foil rewinding.

2.0. MALZEME TANIMI VE ÖZELLİKLERİ/PRODUCT DESCRIPTION AND SPECIFICATIONS

2.1. Material Dimensions

E260 + CR2; Ø80 MM X Ø76.2 X 6000
E260 + CR2; Ø158 MM X Ø150 X 6000
E260 + CR2; Ø156 MM X Ø150 X 6000
E260 + CR2; Ø75 MM X Ø70 M X 6000
E260 + CR2; Ø162,4 MM X Ø1 X 6000

2.2 Dimensional Tolerances

2.2.1 Wall thickness: ± 0.3 mm
2.2.2 Inner diameter: - 0.0 / + 0.5 mm
2.2.3 Straightness: Max 0.3 mm per meter length
2.2.4 Roundness: Max 0.2 mm
2.2.5 Length: ± 50 mm

2.3. Surface Quality

- Inner and outer surface must be free from any projecting part of welding seam.
- Inner and outer surface must be free from burr and rust.

TEDARİKÇİ ONAYI/APPROVAL OF SUPPLIER		
TEDARİKÇİ ADI/ SUPPLIER NAME		MÜHÜR / İMZA/ SIGNATURE
YETKİLİ İSİM/ RESPONSIBLE		
TARİH/DATE		

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- There must not be any crushed or damaged part on the steel tubes.
- Product must be without rust protection applications and without oil residuals.

3.0. TEST SERTİFİKASI VE / VEYA KOŞULLARI/ TEST CERTIFICATE AND/OR CONDITIONS

3.1. Product Specifications

The product must comply with EN 10305-3

3.2 Mechanical Properties

Tensile test must be made according to EN-ISO 6892-1 (B) standard and the mechanical values must conform to the following table.

Yield St.(Mpa)	Tensile St.(Mpa)	Elongation(%)
min 260	340-650	min 21

3.3 Chemical Composition

The product must have a chemical composition in accordance with EN 10305-3

4.0. TESLİMAT ŞEKLİ/ DELIVERY CONDITIONS

The steel tubes must be packed in a way that are rugged enough to withstand the transit journey.

Supplier must provide test certificate for each shipment.

Each batch must have a label

5.0. YÜKÜMLÜLÜK/ OBLIGATION

The supplier undertakes to supply steel tubes appropriate to this specification. Any steel tube which doesn't conform this specification will be rejected. If there is consequential cost due to quality problems of the steel tubes, it will be charged to the supplier.

6.0. SORUMLULUK/ RESPONSIBILITIES

7.0. DİĞER HUSUSLAR/ OTHER

TEDARİKÇİ ONAYI/ APPROVAL OF SUPPLIER		
TEDARİKÇİ ADI/ SUPPLIER NAME		MÜHÜR / İMZA/ SIGNATURE
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