

	Technical Spesification	Doküman No : TS.0230 Document No İlk Yayın Tarih : 11/6/2019 Publish Date Revizyon Tarihi : 11/15/2019 Revision Date Rev. No : 1 Sayfa/Page : 1/3
	Aluminium Spool Specification	

REVİZYON TARİHÇESİ/REVISION HISTORY

Son Revizyon Açıklaması / Last Revision Explanation	Değişen Sayfa Changed Page
İngilizce döküman eklendi.	

ONAY / APPROVAL		
	ADI-SOYADI/ NAME-SURNAME	UNVANI/ TITLE
HAZIRLAYAN ONAYI/ PREPARATION APPROVAL	SÜLEYMAN KAYAPA	Araştırma ve Geliştirme Proses Mühendisliği Yöneticisi
YÜRÜRLÜK ONAYI/ ENFORCEMENT APPROVAL	BARIŞ BEYHAN	Ar-Ge Proses Mühendisliği Müdürü

1.0. KAPSAM/SCOPE

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

2.0. MALZEME TANIMI VE ÖZELLİKLERİ/ PRODUCT DESCRIPTION AND SPECIFICATIONS

2.1 Material Dimensions

Spool; Aluminium 6060 T66; Ø274 MM X Ø254 X 6000

Spool; Aluminium 6060 T66; Ø320 MM X Ø300 X 6000

2.2 Dimensional Tolerances

2.2.1 Wall thickness: 0, +0.4 mm

2.2.2 Inner diameter: - 0.0 / + 0.8 mm

2.2.3 Straightness: Max 0.3 mm (Each meter)

2.2.4 Roundness : Max 0.2 mm

2.2.5 Length : -0, +100 mm

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

	Technical Spesification	Doküman No : TS.0230 Document No İlk Yayın Tarih : 11/6/2019 Publish Date Revizyon Tarihi : 11/15/2019 Revision Date Rev. No : 1 Sayfa/Page : 2/3
	Aluminium Spool Specification	

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.
- There must not be any crushed or damaged part on the 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 755-8 and alloy type must be 6060T66.

3.2 Physcal Properties

Density(g/cm ³)	Melting Point (°C)	Electrical conductivity m/Ω mm ²	Thermal conductivity W/m K	Expansion Coefficient (20-100 °C) 10 ⁻⁶ /K	Elasticity module (MPa)
2.70	585-650	30 wa/T6	200	23.4	69 000

3.3 Chemical Composition

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti
0,30-0,6	0,10-0,30	Max. 0,10	Max 0,10	0,35-0,6	Max. 0,05	Max. 0,05	Max. 0,05	Max. 0,10

4.0. TESLİMAT ŞEKLİ/ DELIVERY CONDITIONS

- The aluminium 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 bacth must have a label

5.0. YÜKÜMLÜLÜK/ OBLIGATION

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

6.0. SORUMLULUK/ RESPONSIBILITIES

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

	Technical Spesification	Doküman No : TS.0230 Document No İlk Yayın Tarih : 11/6/2019 Publish Date Revizyon Tarihi : 11/15/2019 Revision Date Rev. No : 1 Sayfa/Page : 3/3
	Aluminium Spool Specification	

7.0. DİĞER HUSUSLAR/ OTHER

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