

# Fig. KUC16

## Double Rubber Sphere Flexible Connector

### PN16

#### Notes:

- Pressure Rating: PN16
- UK end connection: BS21 Taper Threaded (ISO7) / BS EN10226-2
- Available with NPT threads, subject to minimum quantities
- Minimizes transmission of vibration and noise
- Absorbs expansion, contraction and misalignment within allowable movements
- Precision moulded of synthetic rubber reinforced with nylon cord
- Can withstand chemical corrosion to resist acid and ozone attack
- Must not exceed allowable movement as per below table
- The Pipes must be properly aligned and anchored prior to installation of flexible connectors (i.e. flexibles must not bear the weight of the pipes).
- The flexibles should be installed in their 'relaxed' state (i.e. not compressed, extended, twisted...etc)
- Other PN pressure ratings available upon request
- Other body material (NBR, Viton..etc) available upon request

#### Dimensions

DN		(L) Neutral Length mm	Allowable Movement			
			(mm)			(deg)
			Axial Compression	Axial Extension	Lateral Deflection	Angular Deflection
Inches	MM					
½"	15	175	22	5	22	30
¾"	20	175	22	5	22	30
1"	25	175	22	5	22	25
1¼"	32	240	22	5	22	25
1½"	40	240	22	5	22	20
2"	50	250	22	5	22	15

All dimensions are nominal (indicative)  
Actual dimensions may vary

#### Material Specifications

Description	Material
Body	EPDM
Reinforce	Nylon Cord Fabric
Union	Malleable Iron Zinc Plated

We highly recommend to use with  
limited wiring.  
Please refer Fig. No. KUC16LW

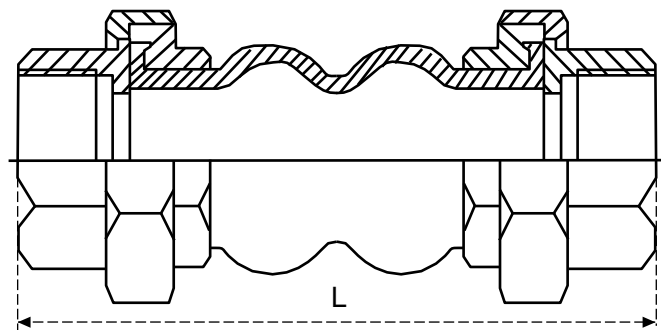


Fig. No. KUC16

