

**71 SERIES**

VALVOLA PIANA/ACCIAIO  
FLAT FACE/STEEL  
FLACHDICHTEND/STAHL  
CLAPET PLAT/ACIER

**Caratteristiche tecniche I**

- Intercambiabilità: Parker/Snap-Tite 71
- Occlusione: faccia piana
- Aggancio: sfere radiali
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III)
- Filettature: BSP - NPT - SAE
- Guarnizioni standard: NBR
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro
- Pressioni di esercizio: 200-350 bar
- Connessione in pressione: non consentita

**Technical data E**

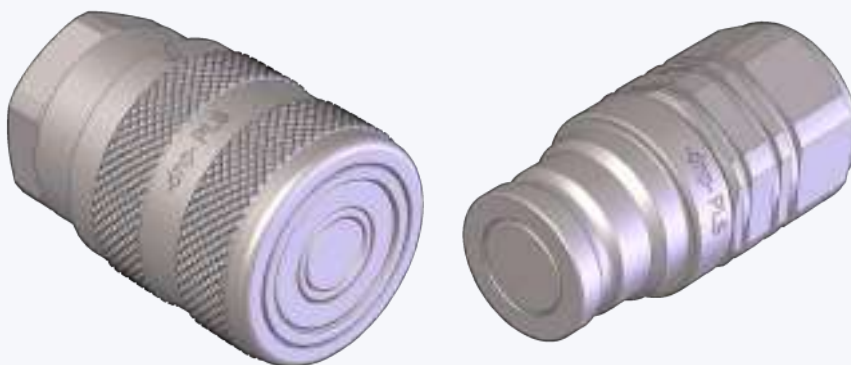
- Interchange: Parker/Snap-Tite 71
- Occlusion: flat face
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP - NPT - SAE
- Standard seals: NBR
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 200-350 bar
- Connection under pressure: not allowed

**Technische Merkmale D**

- Austauschbarkeit: Parker/Snap-Tite 71
- Verschluss: flachdichtend
- Kupplung: Radial Kugeln
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III)
- Gewinde: BSP - NPT - SAE
- Standard-Dichtungen: NBR
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 200-350 bar
- Kuppeln unter Druck: nicht möglich

**Caracteristiques techniques F**

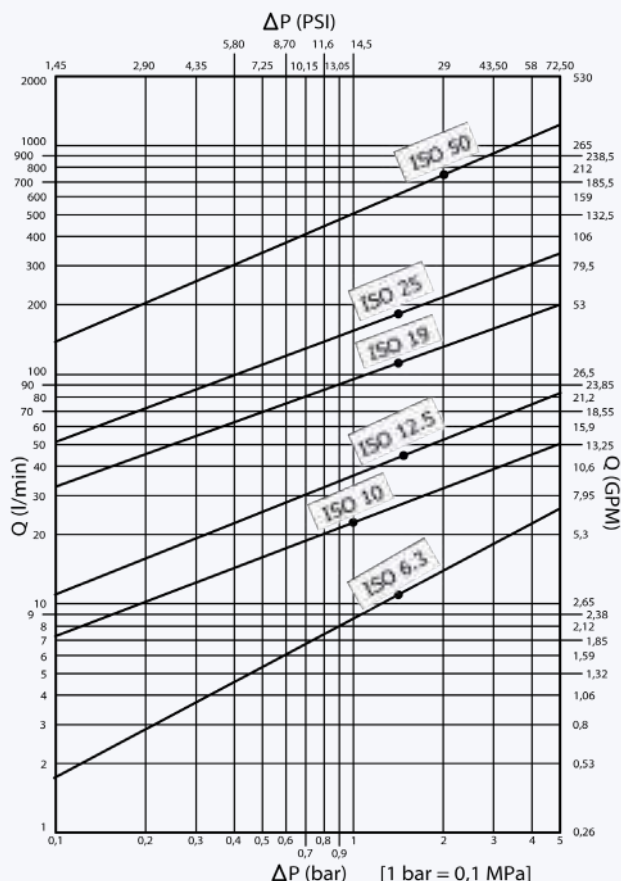
- Interchangeabilité: Parker/Snap-Tite 71
- Obturation: clapet plat
- Accrochage: billes radiales
- Matériel: acier
- Traitement: Zn-Fe (Cr III)
- Taraudage: BSP - NPT - SAE
- Joints standard: NBR
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 200-350 bar
- Connexion sous pression: pas possible

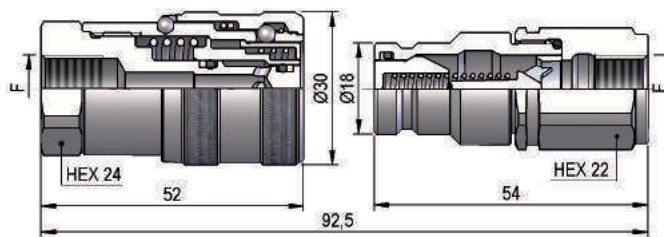


| Nominal size |    |      |      | Max working pressure | Rated flow | Max flow rate | Min burst pressure |        |         | Fluid spillage |
|--------------|----|------|------|----------------------|------------|---------------|--------------------|--------|---------|----------------|
| DNP          | BG | ISO  | mm   | MPa*                 | l/min      | l/min         | Male               | Female | Coupled | cc             |
| 06           | 1  | 6.3  | 5.3  | 35                   | 12         | 20            | 170                | 143    | 170     | 0.010          |
| 10           | 2  | 10   | 10.4 | 35                   | 23         | 45            | 150                | 175    | 160     | 0.020          |
| 13           | 3  | 12.5 | 13   | 35                   | 45         | 60            | 140                | 155    | 210     | 0.030          |
| 20           | 4  | 19   | 17   | 35                   | 106        | 150           | 160                | 130    | 170     | 0.060          |
| 25           | 5  | 25   | 21.8 | 35                   | 189        | 240           | 130                | 115    | 145     | 0.100          |
| 50           | 8  | 50   | 38   | 20                   | 757        | 1000          | 65                 | 65     | 80      | 0.150          |

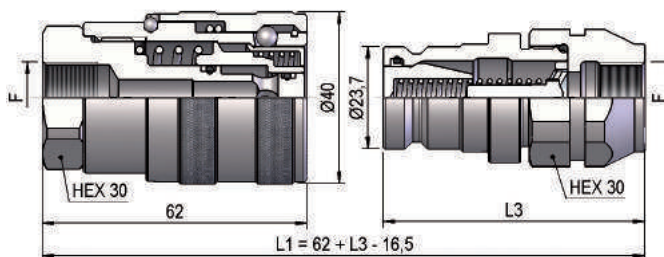
1 MPa = 145.04 psi • 1 l = 0.264 gal

\*Dynamic pressure. For static pressure multiply by two

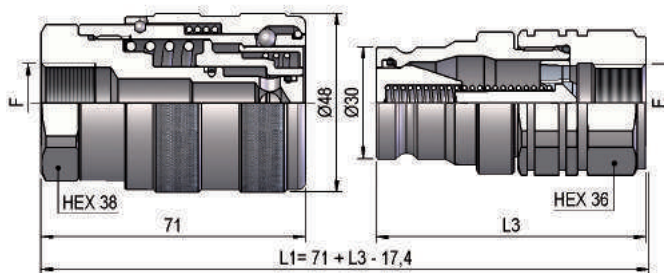


**PLS1 DN06 - BG 1 - ISO 6.3**


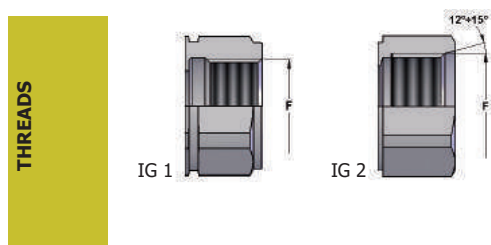
| F        | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|          |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| BSP 1/4" | DIN 3852-2-X | PLS1.0606.112                      | 177        | 93               | PLS1.0606.113                   | 98         | 120              |
| NPT 1/4" | ANSI B1.20.3 | PLS1.0606.012                      | 177        | 93               | PLS1.0606.013                   | 98         | 120              |

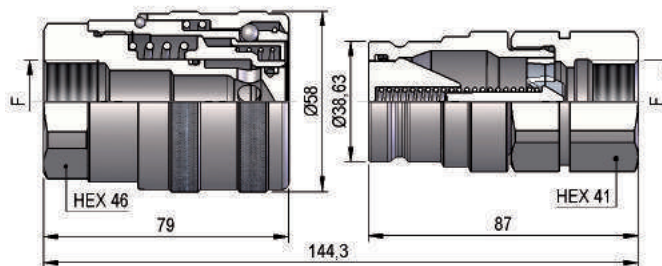
**PLS1 DN10 - BG 2 - ISO 10**


| L3 | F        | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|----|----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|    |          |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| 61 | BSP 3/8" | DIN 3852-2-X | PLS1.1010.112                      | 378        | 35               | PLS1.1010.113                   | 158        | 60               |
| 64 | NPT 3/8" | ANSI B1.20.3 | PLS1.1010.012                      | 378        | 35               | PLS1.1010.013                   | 184        | 60               |
| 61 | BSP 1/2" | DIN 3852-2-X | PLS1.1013.112                      | 357        | 35               | PLS1.1013.113                   | 154        | 60               |
| 64 | NPT 1/2" | ANSI B1.20.3 | PLS1.1013.012                      | 359        | 35               | PLS1.1013.013                   | 168        | 60               |

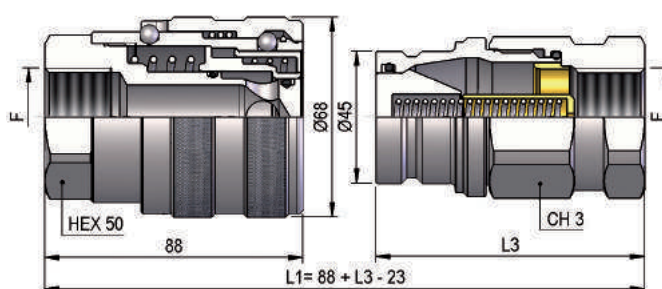
**PLS1 DN13 - BG 3 - ISO 12.5**


| THREADS     | L3   | F              | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|-------------|------|----------------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|             |      |                |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| <b>IG 1</b> | 72.5 | BSP 1/2"       | DIN 3852-2-X | PLS1.1313.112                      | 624        | 23               | PLS1.1313.113                   | 339        | 35               |
|             | 74   | NPT 1/2"       | ANSI B1.20.3 | PLS1.1313.012                      | 627        | 23               | PLS1.1313.013                   | 352        | 35               |
| <b>IG 2</b> | 70   | 3/4"-16 UNF 2B | SAE J 1926-1 | PLS1.1319.032                      | 630        | 23               | PLS1.1319.033                   | 331        | 35               |

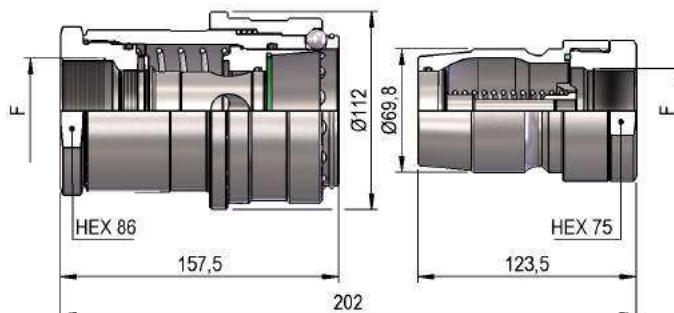


**PLS1 DN20 - BG 4 - ISO 19**


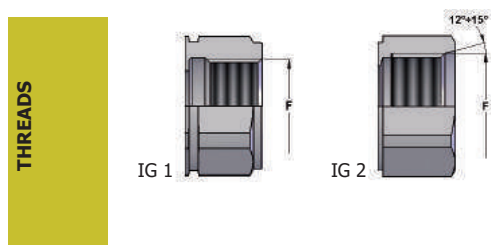
| THREADS     | F               | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|-------------|-----------------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|             |                 |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| <b>IG 1</b> | BSP 3/4"        | DIN 3852-2-X | PLS1.2019.112                      | 954        | 15               | PLS1.2019.113                   | 560        | 28               |
|             | NPT 3/4"        | ANSI B1.20.3 | PLS1.2019.012                      | 960        | 15               | PLS1.2019.013                   | 567        | 28               |
| <b>IG 2</b> | 1"1/16-12 UN 2B | SAE J 1926-1 | PLS1.2027.032                      | 945        | 15               | PLS1.2027.033                   | 554        | 28               |

**PLS1 DN25 - BG 5 - ISO 25**


| THREADS     | CH3 | L3 | F               | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|-------------|-----|----|-----------------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|             |     |    |                 |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| <b>IG 1</b> | 50  | 97 | BSP 1"          | DIN 3852-2-X | PLS1.2525.112                      | 1400       | 11               | PLS1.2525.113                   | 833        | 20               |
|             | 50  | 97 | NPT 1"          | ANSI B1.20.3 | PLS1.2525.012                      | 1422       | 11               | PLS1.2525.013                   | 840        | 20               |
|             | 55  | 97 | BSP 1"1/4       | DIN 3852-2-X | PLS1.2531.112                      | 1300       | 11               | PLS1.2531.113                   | 904        | 20               |
|             | 55  | 99 | NPT 1"1/4       | ANSI B1.20.3 | PLS1.2531.012                      | 1320       | 11               | PLS1.2531.013                   | 918        | 20               |
| <b>IG 2</b> | 50  | 97 | 1"5/16-12 UN 2B | SAE J 1926-1 | PLS1.2533.032                      | 1364       | 11               | PLS1.2533.033                   | 822        | 20               |
|             | 55  | 97 | 1"5/8-12 UN 2B  | SAE J 1926-1 | PLS1.2541.032                      | 1267       | 11               | PLS1.2541.033                   | 867        | 20               |

**PLS1 DN50 - BG 8 - ISO 50**


| F         | STANDARD     | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                  | MASCHIO - MALE - STECKER - MALE |            |                  |
|-----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
|           |              | COD. F                             | Weight (g) | Packaging (pcs.) | COD. M                          | Weight (g) | Packaging (pcs.) |
| NPT 1"1/2 | DIN 3852-2-X | PLS1.5039.112                      | 5660       | 4                | PLS1.5039.113                   | 2070       | 8                |
| BSP 1"1/2 | ANSI B1.20.3 | PLS1.5039.012                      | 5680       | 4                | PLS1.5039.013                   | 2090       | 8                |
| BSP 2"    | DIN 3852-2-X | PLS1.5051.112                      | 5430       | 4                | PLS1.5051.113                   | 1850       | 8                |
| NPT 2"    | ANSI B1.20.3 | PLS1.5051.012                      | 5450       | 4                | PLS1.5051.013                   | 1870       | 8                |



## PLASTIC CAPS

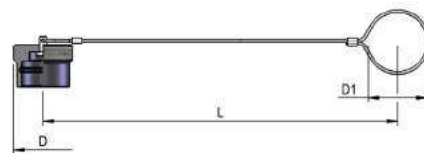
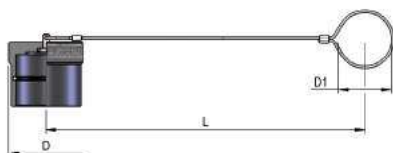
| NOMINAL SIZE |    |      | FEMALE DUST PLUG |            |     |     |        | MALE DUST CAP |            |     |    |        | COLOR | MATERIAL |
|--------------|----|------|------------------|------------|-----|-----|--------|---------------|------------|-----|----|--------|-------|----------|
| DNP          | BG | ISO  | COD. F           | Dimensions |     |     | Weight | COD. M        | Dimensions |     |    | Weight |       |          |
|              |    |      |                  | D          | L   | D1  | (g)    |               | D          | L   | D1 | (g)    |       |          |
| 06           | 1  | 6.3  | SPLS.06002*      | 38         | 260 | 26  | 35     | SPLS.06003*   | 28         | 260 | 26 | 25     | ●     | PVC      |
| 10           | 2  | 10   | SPLS.10002*      | 50         | 315 | 35  | 57     | SPLS.10003*   | 32         | 315 | 35 | 30     | ●     | PVC      |
| 13           | 3  | 12.5 | SPLS.13002*      | 59         | 300 | 42  | 78     | SPLS.13003*   | 42         | 300 | 42 | 43     | ●     | PVC      |
| 20           | 4  | 19   | SPLS.20002*      | 70         | 430 | 55  | 108    | SPLS.20003*   | 50         | 430 | 55 | 58     | ●     | PVC      |
| 25           | 5  | 25   | SPLS.25002       | 79         | 390 | 60  | 130    | SPLS.25003    | 56         | 390 | 60 | 68     | ●     | PVC      |
| 50           | 8  | 50   | SPLS.50002       | 120        | 315 | 100 | 230    | SPLS.50003    | 85         | 360 | 80 | 220    | ●     | PVC      |

\*REALIZZATI SU RICHIESTA DEL CLIENTE

\*AVAILABLE ON REQUEST

\*AUF ANFRAGE LIEFERBAR

\*DISPONIBLES SUR DEMANDE



## METAL CAPS

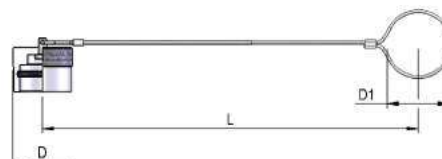
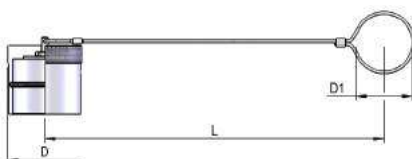
| NOMINAL SIZE |    |      | FEMALE DUST PLUG |            |     |    |        | MALE DUST CAP |            |     |    |        | MATERIAL |
|--------------|----|------|------------------|------------|-----|----|--------|---------------|------------|-----|----|--------|----------|
| DNP          | BG | ISO  | COD. F           | Dimensions |     |    | Weight | COD. M        | Dimensions |     |    | Weight |          |
|              |    |      |                  | D          | L   | D1 | (g)    |               | D          | L   | D1 | (g)    |          |
| 06           | 1  | 6.3  | SPLS.06202*      | 35         | 260 | 26 | 35     | SPLS.06203*   | 25         | 260 | 26 | 28     | Aluminum |
| 10           | 2  | 10   | SPLS.10202*      | 50         | 315 | 35 | 106    | SPLS.10203*   | 30         | 315 | 35 | 43     | Aluminum |
| 13           | 3  | 12.5 | SPLS.13202*      | 55         | 300 | 42 | 116    | SPLS.13203*   | 40         | 300 | 42 | 66     | Aluminum |
| 20           | 4  | 19   | SPLS.20202*      | 70         | 430 | 55 | 190    | SPLS.20203*   | 50         | 430 | 55 | 92     | Aluminum |
| 25           | 5  | 25   | SPLS.25202*      | 75         | 390 | 60 | 205    | SPLS.25203*   | 55         | 390 | 60 | 118    | Aluminum |

\*REALIZZATI SU RICHIESTA DEL CLIENTE

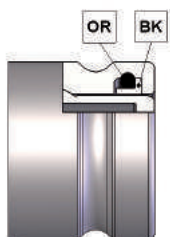
\*AVAILABLE ON REQUEST

\*AUF ANFRAGE LIEFERBAR

\*DISPONIBLES SUR DEMANDE



## SPARE PARTS



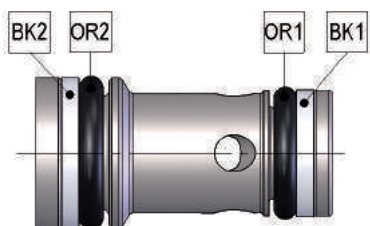
| NOMINAL SIZE |    |      | MALE GASKET |             |
|--------------|----|------|-------------|-------------|
| DNP          | BG | ISO  | OR (NBR*)   | BK (PTFE)   |
| 06           | 1  | 6.3  | PLT.304.030 | PLS.006.130 |
| 10           | 2  | 10   | PLS.010.120 | PLS.010.130 |
| 13           | 3  | 12.5 | PLT.025.120 | PLS.013.130 |
| 20           | 4  | 19   | PVT.019.122 | PLS.019.130 |
| 25           | 5  | 25   | PLS.025.120 | PLS.025.130 |
| 50           | 8  | 50   | PVT.030.121 | PLS.050.130 |

\*AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON

\*TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

\*ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FÜR EPDM ODER 'V' FÜR VITON AN

\*AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON



| NOMINAL SIZE |    |      | FEMALE GASKET |             | FEMALE GASKET |             |
|--------------|----|------|---------------|-------------|---------------|-------------|
| DNP          | BG | ISO  | OR1 (NBR*)    | BK1 (PTFE)  | OR2 (NBR*)    | BK2 (PTFE)  |
| 06           | 1  | 6.3  | PLS.006.210   | PLS.006.132 | PLS.006.121   | PLS.006.131 |
| 10           | 2  | 10   | PLS.010.210   | PLS.010.132 | PVS.306.030   | PLS.010.131 |
| 13           | 3  | 12.5 | PBV.004.120   | PLS.013.132 | PBV.006.120   | PLS.013.131 |
| 20           | 4  | 19   | VVT.013.120   | PLS.019.132 | PLK.025.121   | PLS.019.131 |
| 25           | 5  | 25   | PLS.025.210   | PLS.025.132 | PVT.019.122   | PLS.025.131 |

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\*TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

\*ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FÜR EPDM ODER 'V' FÜR VITON AN

\*AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON